COMMISSION OF THE EUROPEAN COMMUNITIES
DIRECTORATE-GENERAL III
INDUSTRY
Industrial affairs III: Consumer goods industries
Foodstuffs - Legislation and scientific and technical aspects

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Brussels, 15 May 1994

SYNOPTIC DOCUMENT N. 7

DRAFT OF PROVISIONAL LIST OF MONOMERS AND ADDITIVES USED IN THE MANUFACTURE OF PLASTICS AND COATINGS INTENDED TO COME INTO CONTACT WITH FOODSTUFFS

(updated to 15 May 1994)

----> **To obtain a copy of this document and "Practical Guide" see pages 4-5.**

Rue de la Loi, 200 B - 1049 Brussels
Telephone : direct line 2956068 standard 295 11 11 Telex : COMEU B 21877

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NOTE FOR READERS

1. This document summarizes the status of the listed substances until 15 May 1994. It contains a provisional and incomplete list of monomers and additives for food plastics (with the exception of silicones) as well as coatings authorized or used in the Member States of the European Communities. In principle, it should not contain aids to polymerization, colorants, inks and adhesives, although some of them appear. It must be stressed that the substances appearing in this document shall not be considered, at this stage as the only monomers and additives used at Community level and that this document is a working and not a legal or binding document, and, therefore, it may be subject to relevant modifications (integration, deletion and changes). However, at the same time, it must be underlined that the Commission services intend to include in the future Community positive list only some of the substances appearing in this document and classified by SCF into lists 0-4 **(see the new EC document "Compilation of draft of three Directives proposals on plastics" (EMB 349))**.

2. At this stage, the Commission services are unable to specify whether the list will be extended to aids to polymerization ("substances which directly influence the formation of polymers"), colorants, inks and adhesives. Therefore any extrapolation of the list to these substances is premature. Moreover the Commission services can only add a) that the discussion on the type of rules to be applied to these substances will start after that the positive list for monomers and additives is adopted and b) that they are unable to specify any date on this matter. Please, avoid to ask for any further information on this subject.

3. This document also contains evaluations made up to 15 May 1994 by the Scientific Committee for Food (SCF) or by its working group "Packaging" (SCF-WG) on the listed substances. These evaluations supersede all other evaluations appearing in previous opinions finalised before 15 May 1994. It specifies also the type of data to be transmitted to the SCF in order to allow it to evaluate completely the substances (see addendum 2 to the explanatory note). However, before starting the testing for obtaining data requested, if you are in doubt, write a fax to the Commission services in order to have the confirmation of the validity of the classification appearing in Synoptic 7.

4. This document should be read together with the other EEC document "Practical Guide N. 1", which gives much more explanations on some parts of "Synoptic 7" .

5. Many requests continue to be addressed to the Commission services on the legal situation for a product (substance or plastic or food) at national and Community level. Because an answer to this type of questions is, in principle, difficult, due to incomplete Community legislation and to the numerous texts to be verified in all the

Community languages, the Commission services are no longer able to answer these questions, which require an individual enquiry in order to avoid any mistake. Therefore the applicant is advised to send their enquires to the European professional organizations or to the national authorities or to a commercial data bank. The address of one of them, which is sufficiently complete and appropriate for European Communities and members of EFTA, is the following:

EURO-DATA ANALYSTS
P.O. Box 13, Dorking
Surrey RH5 4YL, UK
Phone: (0306) 884473
Fax: (0732)453184

6. To obtain a copy of this document as well as "Practical Guide N.1" please send a request to one of the addresses given below.

If you are affiliated, please send a request to the following of European professional organisation (in alphabetical order):

ALUMINIUM ZENTRALE, Konigsallee 30, Postfach 1207, D-4000 Dusseldorf 1.
APME, Avenue van Nieuwenhuise, 4 -bte 10, B-1160 Brussels
BLIC, Avenue des Arts, 2 -B-1040 Brussels
CEFIC, Avenue van Nieuwenhuise, 4 - Bte 10 - B-1160 - Brussels
CEPE, Avenue van Nieuwenhuise, 4 -bte 10, B-1160 Brussels
CEPI, Avenue Louise, 306 -B-1050 Brussels
CIIA, Rue de la Loi, 74 -Bte 9, B-1040 Brussels
CITPA, Arndstrasse, 47 -D-6000 Frankfurt/Main
EFPA, Rue de la Presse, 4 -B-1000 Bruxelles
EPFMA, c/o LINPAC, P.A de Kerguilloten, B.P. 8, 56920 Noyal-Pontivy
ERMA, Queensway House, 2 Queensway Redhill, Surrey RH1 1QS
EUPC, Avenue Cortemberg, 66, B-1040 Brussels
EUROMETAUX, Rue Montoyer, 47 -B-1040 Brussels
FABRIMETAL, Rue des Drapiers, 21, B-1050 Brussels
FEC, rue de Louvre, 58 -F-75002 Paris
PRO-CARTON, Whitfield Street, 67-GB-London W1A 4PU
SEFEL (see Fabrimetal)

If you are not affiliated to the above mentioned organisations please send a request either to your local EURO INFO CENTRE or to your national authorities ("Focal points"). The addresses are indicated below.

EURO INFO CENTRE ***(to know the address of your local Infocentre, please send a fax to or call Miss ANDRIESSEN Henrica, Commission of the European Communities, DG XXIII, Rue Arlon 80, B-1049 Brussels, phone (02)2956092, fax (02)2955540)***

BELGIQUE: (for the attention of Mme Cosse) Ministère de la Santé Publique, (Inspection des denrées alimentaires), Cité Administrative de l'Etat, Quartier Vésale B-1010 BRUXELLES
DANMARK: (for the attention of Ms Fabech) Levnedsmiddelstyrelsen, Morkoj Bygade,19 DK-2860 SOBORG
BUNDESREPUBLIK DEUTSCHLAND:(for the attention of Ms Noble) Bundesministerium für Jugend, Familie, Frauen und Gesundheit Deutschherrenstrasse, 87 D-5300 BONN 2
HELLAS: (for the attention of Mr Spyropoulos) Ministère des Finances, Laboratoire Général d'Etat, Rue Anastassion Tsoha, 16, 115.21 ATHENES

ESPAÑA: (for the attention of Mrs Carretero Baeza) Ministerio de Sanidad y Consumo-Direccion General de Salud Alimentaria y Proteccion de los Consumidores Paseo del Prado, 18 - ES-28014 MADRID

FRANCE: (for the attention of Mrs Motisi) Ministère de l'Economie, des Finances, Direction Générale de la Concurrence, de la Consommation et de la Répression des Fraudes , Boulevard Vincent Auriol n. 59, 75703 Paris Cedex 13

IRLANDE: (for the attention of Mr Lanvin) EOLAS (The Irish Science & Technology Agency) Glasnevin IRL-DUBLIN 9

ITALIA: (for the attention of Mr Porcelli) Ministero della Sanità Piazza Marconi, 25 - 00144 ROMA

LUXEMBOURG: (for the attention of Mr Arendt) Ministère de la Santé, Division de l'Inspection Sanitaire, Rue de Prague, 5a L-2348-LUXEMBOURG

NEDERLAND: (for the attention of Mr Roelfzema) Ministerie van WVC, Directie VVP Postbus 5406 NL-2280 HK RIJSWIJK

PORTUGAL: (for the attention of Mr Lopes Costa), Instituto de Protecção da Produção agro-alimentar, Av. Conde Valbon 98, -1100 LISBOA

UNITED KINGDOM: (for the attention of Mr Moore), Food Safety Division Ministry of Agriculture, Fisheries and Food Ergon House c/o Nobel House Smith Square, 17 GB-LONDON SW1P 3JR

These 2 documents are available also to the national Authorities of the AELE countries and some Institutes or Offices as (in alphabetical order)

ASSOGOMMA (Mr Zerilli), Via S. Vittore 36, I- MILANO, ITALIA

CENAM (Mr Sanchez Saez), Carretera de Majadahonda a Pozuelo, Km 2 E-28220 MADRID -SPAIN

CEN (Mr Jeanson) Rue de Stassart, 36, B-1050 BRUXELLES -BELGIQUE

CIVO-TNO (Dr Rijk): Utrechtseweg, 48 Postbus 360, NL3700 AJ ZEIST

CITIP (Casilla de Correo 157, 1650-San Martin, BUENOS AIRES, ARGENTINA

EURO-DATA ANALYSTS .P.O. Box 13, Dorking, Surrey RH 5 4YL, UK.

FEDERCHIMICA (Sig. Terraneo), Viale Accademia, 33 I-20131 MILANO, ITALIA

FDA (Ms Schwartz P.) 200 C Street, S.W. 20204 WASHINGTON DC -USA.

FINNISH PACKAGING ASSOCIATION, (Mr HMLINEN Jorma), Ritarikatu 3b A SF - 00170 HELSINKI 17 -FINLAND

FINNISH PULP AND PAPER RESEARCH INSTITUTE, PO BOX 136 SF-00101 HELSINKI, FINLAND

FRAUNHOFER INSTITUT (Mr Piringer), Fraunhofer-Institut for Lebensmitteln Technology und Verpackung, Schragenhofstrasse, 35 D-8000 MUNCHEN

INRA (Mr. Feigenbaum) F-78352 JOUY-en-JOSAS Cedex FRANCE

HECKMAN Jerome, Keller and Heckman, 1150 17th Street N.W. WASHINGTON D.C. 20036 -USA

INSTITUT D'HYGIENE ET D'EPIDEMIOLOGIE (Mr Gosselé), Rue J. Witsman, 14 B-1050 BRUXELLES -BELGIQUE

INTERNATIONAL PACKAGING CLUB (Mr. LOUIS Pierre), Avenue des Versailles, 42, F-75016 PARIS -FRANCE

ISTITUTO SUPERIORE DI SANITÀ (Ms Gramiccioni), Viale Regina Elena 299 ROMA

JAPAN Hygienic PVC Association, Miki Toranomon Bldg, 2-16 Toranomon Minatoku, Tokyo Japan 105

LNE (Mr. Camus) Rue Gaston Boissier F-75015 PARIS - FRANCE

NORWEGIAN FOOD RESEARCH INSTITUTE Osloveien 1, N-1430 AS NORWAY

ORTEP (Mr Jonker), PO Box 70 4380 4B Vlissingen NEDERLAND

PACKFORSK (Ms Salmen),Torshamnsgatan, 24 BOX 9 S-164 93 KISTA -SWEDEN

INSTITUT NAT. RECH. AGRON. (Mr. Pascal) F-78350 JOUY-EN-JOSAS -FRANCE

RCC (Mr Wietscorke R), CH-4452 ITINGEN - BASEL

VTT Biotechnology and Food Research, Biologinkuja 1, Espoo, P.O. Box 1500, FIN- 02044 VTT, Finland

EXPLANATORY NOTE

1. The Commission of the European Communities ("CEC") is in the process of completing the Community law in the sector of plastics materials, as laid down by Annex 1 to the Council Directive 89/109/EEC of 21 December 1988 on the approximation of the laws of the Member States relating to materials and articles intended to come into contact with foodstuffs (O.J. N. L 40, 11 February 1989 (hereinafter called "new framework Directive"). In principle, it is provided that the final Community regulation will contain rules concerning the following aspects:

a) a positive list of substances authorized;
b) a global migration limit;
c) the basic rules for testing migration (list of simulants, conditions for testing migration (time, temperature));
d) the general criteria for purity of materials and articles and the specific criteria
e) the methods of analysis;
f) other.

2. Because of the complexity of the subject and the number of discrepancies between the national laws, the CEC decided to proceed step by step, proposing for adoption Directives on the specific aspects of the regulation. Nine Directives have already been adopted in this sector:

- **78/142/EEC** concerning the limits for vinyl chloride monomer (VCM) (OJ n. L 44 of 15.02.1978);
- **80/766/EEC** concerning the determination of VCM in the finished products (OJ n. L. 213 of 16.08.1980);
- **81/432/EEC** concerning the determination of VCM in the foodstuffs (OJ n. L. 167 of 24.06.1981);
- **82/711/EEC** Directive on plastics "basic rules for testing migration" (OJ n. L. 297 of 23.10.1982);
- **85/572/EEC** Directive on plastics "list of simulants to be used for testing migration" (OJ n.L. 372 of 31.12.1985).
- **90/128/EEC** Directive on plastics "monomer" (OJ n. L 128 of 21.3.1990 rectified by OJ n.349 of 13.12.90).
- **92/39/EEC** 1st amendment to the Directive 90/128/EEC on plastics (OJ n. L168 of 23.06.92)
- **93/8/EEC** 1st amendment to the Directive 82/711/EEC (OJ n. L 90 of 14.04.93)
- **93/9/EEC** 2nd amendment to the Directive 90/128/EEC on plastics (OJ n.90 of 14.04.93)

N.B The Commission services are not more available to supply copies of Official Journals. But You can buy a copy by sending a request to the following address:
Office for Official Publications of the European Communities
L-2985 Luxembourg (phone 499281)

3. Other Directives are either being prepared or being planned **(see the EC document "Compilation of draft of three Directives proposals on plastics" (EMB/349))**.

4. The problem of the official control of food plastics materials and articles as well as of the methods of analysis will be examined later, taking account of the development of Directive 89/397/EEC (O.J. L 186 of 30.06.1989). Currently, the European Committee for Normalization (CEN) is preparing methods of determination of the global migration in the various situations and for controlling the quantitative restrictions on some monomers set out in Directive 90/128/EEC (acrylonitrile, butadiene, isocyanate, MEG and DEG, styrene, terephthalic acid). For further information, please, contact:

Mr Jeanson, CEN, rue de Stassart 36, B-1050 Brussels (fax 5196819 - phone 5196951)

5. This document contains the updated situation relating to monomers and additives for all types of plastics (including coatings and excluding only the silicones which will be regulated later). In particular it contains:

a) in Annex 1 the draft of a first list of monomers (see p.);

b) In Annex 1 bis the requested products obtained by means of bacterial fermentation and submitted for approval to CEC are listed (see p.);

c) in Annex 2 the draft of a first updated list of additives (see p.);

d) in Annex 3 an explanation of the meaning of the expression "Polymer production aids" (see p.).

ADDENDUM 1 TO THE EXPLANATORY NOTE

INFORMATION OR ABBREVIATIONS INCLUDED IN THE COLUMNS OF THE TABLES OF THE ANNEXES 1 AND 2 OF THE SYNOPTIC DOCUMENT

EXPLANATION OF THE COLUMNS

Column ("U")

the column "U" appears in the document, the + sign indicates that the "relevant" (not redactional) content of at least one column of the item has been modified with regards to Synoptic 6.

Column ("PM/REF N")

II contains the EEC packaging materials reference number of the substances on the list; conventionally the following numbers have been assigned:

monomers : 10000-29999
additives: >30000
A substance listed as monomer as well as an additive will be assigned two different PM/REF numbers.

Column ("CAS N")

It contains the CAS (Chemical Abstracts Service) registry number, if any; if the substance is a mixture of substances, the CAS number refers to the mixture. Where an indent has been placed in the column, it means that a research for CAS N. has been made, but that the result was negative. If the result of the search was found to be doubtful a question mark was st to the result. If no CAS number or indent has been placed in the column it means that the research has not yet been made. Where there is inconsistency between the CAS number and the chemical name, the chemical name shall take precedence over the CAS number. If there is inconsistency between the CAS number reported in EINECS and the one in the CAS-Register, the CAS-number in the CAS-Register shall apply.

Column ("NAME")

It contains the chemical name.

In principle, the substances labelled with an asterisk (substances classified by SCF in lists 6-9 and W) will be not included in future Directives. The substances having an asterisk before the name and at the same time an asterisk in the column 4, i.e. substances which remain in Section B of the Directive 90/128/EEC, will be deleted at latest the 1st January 1997 for the monomers and later for the additives. Therefore the Commission services strongly recommend that the requested data are submitted as

soon as possible. In principle, the substances are listed according to their common name. The following general criteria have been applied:

1. The substances are listed in English version in alphabetical order with the following conventions:

a) - Special characters such as numerals, Greek letters (alpha, beta, epsilon, omega);
- prefixes indicating substituted locations (m, o, p, C-, N-) stereochemicals (cis, trans) or other structural features (n-, tert., sec.);
- plural as well as words or expressions which do not indicate a chemical structure e.g. "derived from..." or "substituted.." or "with..".

are ignored;

b) the following prefixes are considered to form part of the name: bis, cyclo, iso, and the numerals mono, di, tri, tetra, penta etc. In the main name they should be written in capitals. The following prefixes should be considered as additions and should not be printed in capitals in the main name: ortho (o-), meta (m-), para(p-), alpha, beta, gamma etc. cis, trans, dextro (d-), laevo (l-), normal (n-), N- (=link to nitrogen atom), primary (prim.), secondary (sec.) and tertiary (tert.).

c) generic terms describing aliphatic organic acids are indicated according to the following sequence: acids, aliphatic, mono- or polycarboxylic, saturated or unsaturated, linear or branched, (Cx-Cy);

d) generic terms describing aliphatic alcohols are indicated according to the following sequence: alcohol, aliphatic, mono- or polyhydric, saturated or unsaturated, linear or branched, primary or secondary or tertiary (Cx-Cy);

e) esters of monohydric aliphatic alcohols are usually listed under the corresponding acids followed by the radical corresponding to the alcohol followed by the term "ester(s)";

f) esters of polyhydric alcohols are usually listed under the corresponding acids followed by the terms "esters with" and the name of the polyhydric alcohol. In certain cases the esters are indicated, starting from the polyhydric alcohols (eg. polyglycerol monostearate);

g) polymeric additives are expressed in terms of the monomers which constitute them, in alphabetical orderand separated by a hyphen, followed by the term"polymer" or "copolymer";

h) salts (including double salts and acid salts) of aluminium, ammonium, calcium, iron, magnesium, potassium, sodium and zinc of an authorized acid, alcohol or phenol shall be automatically autorized. However, names containing for example.....acid(s), salts" appear in the lists if the corresponding free

acid(s) is(are) not separately mentioned. In such cases the meaning of the term"salts" is "salts of aluminium, ammonium, calcium, iron, magnesium, potassium, sodium and zinc". Only in a few cases salts are listed starting by the metal;

i) following common names are, for example, used:

- arachidic acid
- behenic acid
- caprylic acid
- lauric acid
- myristic acid
- oleic acid
- palmitic acid
- ricinoleic acid
- stearic acid

However the following systematic names of radicals have been retained:

-	n-dodecyl	instead of	lauryl
-	n-hexadecyl	" "	cetyl
-	n-octadecyl	" "	stearyl
-	n-tetradecyl	" "	myristyl
-	2,3-epoxypropyl	" "	glycidyl

Similarly the following systematic names of alcohols have been retained:

-	n-dodecanol	instead of	lauryl alcohol
-	n-hexadecanol	" "	cetyl alcohol
-	n-octadecanol	" "	stearyl alcohol
-	n-tetradecanol	" "	myristyl alcohol

Column ("SCF L")

It contains the number of the list in which the substance is classified by the SCF or other abbreviations. The meaning of the number or other abbreviations which appears in this column is described here below.

SCF LISTS

LIST 0
Substances, e.g. foods, which may be used in the production of plastic materials and articles, e.g. food ingredients and certain substances known from the intermediate metabolism in man and for which an ADI need not be established for this purpose.

LIST 1
Substances, e.g. food additives, for which an ADI, a temporary ADI (t-ADI), a MTDI, a PMTDI, a PTWI or the classification "acceptable" has been established by this Committee or by JECFA.

LIST 2
Substances for which a TDI or t-TDI has been established by this Committee.

LIST 3
Substances for which an ADI or TDI could not be established, but where the present use could be accepted.

LIST 4
Section A (for monomers)
Substances for which an ADI or TDI could not be established, but which could be used if the substance migrating into foods or in food simulants is not detectable by an agreed sensitive method.

Section B (only for monomers)
Substances for which an ADI or TDI could not be established, but which could be used if the levels of monomer residues in materials and articles intended to come into contact with foodstuffs are reduced as much as possible.

LIST 4 (for additives)
Substances for which an ADI or TDI could not be established, but which could be used if the substance migrating into foods or in food simulants is not detectable by an agreed sensitive method.

LIST 5
Substances which should not be used.

List 6
Substances for which there exist suspicions about their toxicity and for which data are lacking or are insufficient. The allocations of substances to this list are mainly based upon similarity of structure of chemical substances already evaluated or known to have functional groups that indicate carcinogenic or other severe toxic properties.
Section A
Substances suspected to have carcinogenic properties. These substances should not be detectable in foods or in food simulants by an appropriate sensitive method for each substance.
Section B
Substances suspected to have toxic properties (other than carcinogenic). Restrictions may be indicated.

List 7
Substances for which some toxicological data exist, but for which an ADI or TDI could not be established. The required additional information should be furnished.

List 8
Substances for which no or only scanty and inadequate data were available.

List 9
Substances and groups of substances which could not be evaluated due to lack of specifications (substances) or to lack of adequate description (groups of substances).
Groups of substances should be replaced, where possible, by individual substances actually in use. Polymers for which the data on identity specified in SCF guidelines are not available.

List W
"Waiting list". Substances not yet included in the existing positive lists of Member States. Although these substances appear in the Synoptic documents, they are not susceptible to be included in the Community lists, lacking the data requested by the Committee.

NOTA BENE: The classification attributed to the substances in Annexes 1 and 2 is updated to 15 May 1994 and it supersede any other previous classification. For certain substances a double classification appear in the Column SCF_L because there are two parts of the molecule which are toxicologically active. For other substances the letter P

may appear. This indicates that these substances will be re-examined in future by the SCF because some data have been transmitted after the last classification.

Column ("EEC L")

It contains the following abbreviations which are useful for computer retrieval:

Ax= substances allocated to Section A in one of the future EEC Directive ("Directive x");
A0= substances allocated to Section A in Directive 90/128/EEC;
A1=- substances allocated to Section A in 1st amendment of Directive 90/128/EEC;
A2= substances allocated to Section A in 2nd amendment of Directive 90/128/EEC;
A3= substances allocated to Section A in 3rd draft amendment of Directive 90/128/EEC;
A4= substances allocated to Section A in 4th draft amendment of Directive 90/128/EEC;
A5= substances allocated to Section A in 5th draft amendment of Directive 90/128/EEC;

Bx= substances allocated to Section B in one of the future Directive ("Directive x");
B0= substances allocated to Section B in Directive 90/128/EEC;
B1= subtances allocated to Section B in 1st amendment of Directive 90/128/EEC;
B2= substances allocated to Section B in 2nd amendment of Directive 90/128/EEC;
B3 = substances maintained in Section B in 3rd draft amendment of Directive 90/128/EEC subject to amendment of their restriction;

B0/B1 substance in section B in Directive 90/128/EEC (=B0) and maintained in Section B in the first amendment of the Directive 90/128/EEC(=B1);

Dx= substances deleted from the list in a future Directive ("Directive x");

D1= substances deleted in the first amendment of the Directive 90/128/EEC;

D2= substances deleted in the second amendment of the Directive 90/128/EEC;

D3 = substances deleted in the third draft amendment of the Directive 90/128/EEC;

D= "new" substances never authorized (corresponding to substances in waiting list ("W") in SCF lists.

The criteria applied for the allocation into Section A and B is the following: if the substance is classified by SCF in lists 0, 1, 2, 3, 4 it is allocated in Section A; if the substance is classified by SCF in lists 6, 7, 8, 9 it is allocated in Section B, unless the substance is not deleted.

Column ("SCF M)

It contains the following information:

- M= number of the meeting(s) of the working group "Packaging materials" of the SCF at which the item has been evaluated;

- R= number of the Series of the SCF Report in which the opinion of the SCF on the item has been given or will given.

R17= contains the evaluations for the monomers from the 1st until the 21 Meeting of the working group;

R19= contains the evaluations for the monomers from the 22th until the 27th Meeting of the working group;

R20= contains the evaluations for the monomers from the 28th until the 34th Meeting of the working group;

R30= contains the evaluations for the monomers from the35th until the 46th meeting of the SCF working group;

R33= contains the evaluations for the additives listed into lists 0-5 from the beginning (21st M) until the 49th meeting of the SCF working group (some also in 50th M)

Column ("SCF OPINION")

This contains the opinion of the SCF or its working group updated to 31 March 1994. The content of the column supersede any other *previous* opinion.

Column ("RESTRICTIONS)

Except mistakes, this contains the restrictions appeared in the Official Journal for the substances present in the Directives. For all other substances it contains the restrictions *suggested by the SCF* assuming that a man eats every day 1 kilo of food in contact always with the same plastics (Food Consumption Factor = 1). The formula used to obtain the SML values is the following :

$$\text{SML (mg/kg)} = \text{ADI or TDI(mg/kgbw)} \times 60$$

These last restrictions should not be yet considered, at this stage, as formal Commission proposal but only as a starting point for the discussions.

Column ("CS PM")

This column contains the progressive number of the document received or transmitted by the Commission which refers to the substance (see annexes of the minutes of the meetings of the SCF wg). If the number is followed by a stroke or double stroke, that means that all the documents listed at the left of the stroke have been examined by SCF. The letters for retaining a substance in Section B are indicated by an asterisk

besides the reference number, although in some cases technical dossier has been received. If the number is followed by a + sign it means that a compilation of the previous correspondance has been made in order to reduce the number of CS/PM to be indicated in the field. The meaning of the letters and numbers which appears in this column in brackets is the following:

B=	**Bioaccumulation**
F =	**Full dossier**
id=	**Idem to another substance**
I=	**Identity**
H=	**Hydrolysis data**
m=	**migration data**
M=	**mutagenicity data**
Mw=	**Distribution curve**
T=	**Toxicity data other than 28-90 day and long term studies**
90=	**90-day study**

NB. In principle, the other data (e.g. usc, chem-physical data) were no indicated

Column ("REMARKS")

For the meaning of the other expressions used (for example S1(PM/REF.N) see below. This column gives some information to be used as a memo for the Commission services. The indication of a type of plastic does not mean necessarily that the substance is authorized or used only for this plastic.

Column ("MAT PL)

The sign + means that the substance was requested for plastics.

Column 17 ("MAT C")

The sign + means that the substance was requested for coatings.

EXPLANATION OF THE EXPRESSIONS OR ABBREVIATIONS USED IN THE TABLES OR IN THE DOCUMENT, LISTED IN ALPHABETICAL ORDER.

ALIPH.	Aliphatic
ADI	Acceptable Daily Intake
COV.BY	Covered by... Means that the substance(s) mentioned in column "NAME" is (are) included in the substance(s) mentioned in column "REMARKS".
CYCLOALIPH	Cycloaliphatic
DET	Detectable
DL	Limit of detection
Ex L9	Substance for plastics destined to disappear from the list because replaced by individual compound.
Ex L9*	Substance used only for coatings destined to disappear from the list because replaced by individual compound.
FP	Finished product (= material and article in finished state)
FS	Food simulants
m	Meta
MONOCARB.	Monocarboxylic

MONOH.	Monohydric
n	Normal
NCO	Isocyanate moiety
NEW SUBST	New substance. These substances will appear in Directives only if the SCF classified them in L0-L4
NS	Not specified
o	Ortho
p	Para
P	Postponed. Substances under examination or re-examination.
Pol	Polymer
QM	Maximum permitted quantity of the "residual" substance in the material or article
QM(T)	Maximum permitted quantity of the "residual"substance in the material or article expressed as total of moyety/ substance(s) indicated",
S1(PM/REF)	Substance used only in plastics which replaces the generic term (PM/REF.N) classified by the SCF in L9.",
S2	Substance used only for coatings which replaces the generic term (PM/REF.N) classified by the SCF in L9.
SAME..	means that the substance mentioned in column"NAME" is identical to the substance mentioned in column "RESTRICTIONS"
SAT.	Saturated
SCF_L	Number of the SCF list (see explanation in column SCF_L)
SIMILAR TO	Means that the substance is similar to the indicated substance
SML	Specific migration limit in foods or in food simulant
SML(T)	Specific migration limit in foods or in food simulant expressed as total of moiety/substance(s) indicated.
SML(x)	Specific migration limit in foods or in food simulant for the group of substances having in column restriction the abbreviation SML(x);
SPEC(I)	Specification on identity of the substance is requested;
SPEC(P)	Specification on purity of the substance is requested;
SPEC(U)	Specification on use of the substance is requested
T	Single or in combination with substances of the same chemical moiety or individually indicated.
TDI	Tolerable Daily Intake (it is a concept equivalent to the ADI, but applicable only to the packaging sector and not to food addditives).
UNSAT.	Unsaturated
X	Means that the organoleptic characteristics of the substance(s) are self limiting (see for monomers, for example, Annex II of the minutes of the 51st EEC meeting) and, therefore, in principle, could not be necessary to put a special quantitative restriction.
Y	Means that the "food usage" of the polymer(s) for which the substance is authorized (see for monomers, for example, Annexes 2 and 3 of the minutes of 52nd EEC meeting) is limited and, therefore, in principle, could not be necessary to put a special quantitative restriction
W	- if it appears in column "RESTRICTION" means that the finished products made from the substance(s) are in contact with foodstuffs only for a short time and therefore, because the probable migration should be low, in principle, could not be necessary to put a special quantitative restriction.

- if it appears in column "SCF_L", it refers to a "new substance" and it means "waiting list" (see NEW SUBST). It could be followed by a number which indicates the SCF list.

Z — Means that the difference between the overall migration limit and the specific limit, is so low that it would not be necessary to impose aspecial quantitative restriction, taking account the approximation in these calculations

? — Means that there is a doubt on the information given

\- — Means that the enquiry for finding the information has been made but that it was negative

* — See the meaning in the explanation of each column.

Type of plastics

For the meaning of the types of plastics mentioned hereinafter, refer to the definitions generally recognized, particularly to the International Standard ISO.472. It is to be noted that an abbreviation for a polymer refers both to the homopolymer and to various copolymers.

ABS	Acrylonitrile-butadiene-styrene
CA	Cellulose acetate
CL	Cellulose
CP	Cellulose propionate
LCU	Lignocellulose
MABS	Methyl methacrylate-acrylonitrile-butadiene-styrene
MBS	Methyl methacrylate-butadiene-styrene
MF	Melamine-formaldehyde
MUF	Melamine-urea-formaldehyde
NC	Nitrocellulose
PA	Polyamides
PAM	Acrylic and methacrylic resins
PAN	Polyacrylonitrile
AR	Polyarylates
PB	Polybutene
PBT	Polybutylene terephthalate
PC	Polycarbonate
PCLO	Polycaprolactone
PCTFE	Polychlorotrifluoroethylene
PE	Polyethylene
PEEK	Polyetheretherketone
PEES	Polyetherethersulphone
PEI	Polyetherimide
PEK	Polyetherketone
PEN	Polyethylenenaphthenate
PES	Polyethersulfone
PE	Polyether
PET	Polyethylene terephthalate
PF	Phenol-formaldehyde
PIB	Polyisobutylene
PMMA	Polymethyl methacrylate

PO	Polyolefins
POM	Polyoxymethylene= polyformaldehyde= polyacetal
PP	Polypropylene
PPE	Polyphenylene ether
PPO	Polyphenylene oxide
PS	Polystyrene
PT	Polyterpenes
PTFE	Polytetrafluoroethylene
PUR	Polyurethanes
PVAC	Polyvinyl acetate
PVB	Polyvinyl butyral
PVC	Polyvinyl chloride
PVCC	Polyvinyl chloride chlorinated
PVDC	Polyvinylidene chloride
PVDF	Polyvinylidene fluoride
PVE	Polyvinylether
RF	Resorcinol-formaldehyde
SAN	Styrene-acrylonitrile
SB	Styrene-butadiene
UF	Urea-formaldehyde
UP	Unsaturated polyesters

ADDENDUM 2 TO THE EXPLANATORY NOTE

NOTA BENE
*This addendum contains the entire version of the Annex 3 of the "Practical Guide N.1" followed by the entire version of the "SCF guidelines" extracted also from the Annex 2 of the "Practical Guide N. 1", **without any relevant change.** Moreover it contains the relevant parts of the appendices of the "Note for Guidance" referring to the mutagenicity tests as well as the hydrolysis and migration data.*
*Therefore the reader of the "Synoptic 6" may know rapidly what data should be provided in order to obtain a re-evaluation of a substance classified in SCF lists 6-9 and W. However it is **strongly recommend to read carefully the "Practical Guide N.1.", if you intend to supply the data requested, mainly the Annex 2 and 3 of the mentioned "Practical Guide N.1"*** Because this addendum is an extract of the Practical Guide N. 1, the references to the pages have been changed in order to facilitate at maximum the lecture.

FIRST PART: Data requested for substances classified in Lists -6-9 and W"

SECOND PART"SCF guidelines"

FIRST PART

DATA REQUESTED FOR SUBSTANCES CLASSIFIED IN LISTS 6-9 AND IN LIST W

(extract from the annex 3 of the "Practical Guide N. 1")

INTRODUCTION

1. The Commission services wish to emphasise that the applicant should read carefully "Note for Guidance" (see p. 23 of the "Practical Guide N. 1"), particularly the "SCF Guidelines" in order to supply the correct data requested by the SCF for the evaluation of a substance.

2. The Commission services moreover wish to stress that theSCF Guidelines represent an attempt to specify as much as possible the data to be supplied in order to allow the SCF to evaluate the risk connected by the use of a substance in materials in contact with foodstuffs. However the SCF recognised, that the size of the data base, which might be required for evaluation, would depend on whether it is intended to submit a "full dossier" or a "reduced dossier". "Full" dossier containing the complete core set of toxicological data are essential, in principle, for an evaluation in terms of a TDI. However, even in these circumstances deviations from the core requirements could be made, provided an adequate justification for this approach and appropriate reasons are given for omitting any toxicological test. When it is not intended to request the establishment of a TDI, a "reduced" dossier would be acceptable as outlined in paragraphs 6.3.1 to 6.3.3.of theSCF Guidelines" (see pages 24 and 25 of this document).

Definitively, it is strongly recommended to the applicant to specify clearly in the summary data sheets (see p. 83 of the "Practical Guide N. 1") whether he wishes to deviate from theSCF Guidelines" and the reasons of his deviation.

3. On the basis of the letter received in the last years, the Commission services think that the applicants have some difficulties to know which data should be supplied to the SCF for the substances allocated into lists 6-9 and list W. Therefore they decided to issue this specific document, where, for each list, the data requested by the SCF as well as the possible options and consequences are clearly specified.

4. It must be stressed that the SCF considered the requests listed in "Sixth amendment" for dangerous substances (79/831/EEC O.J. L. 259 of 15 October 1979) and the data base for the authorization of a substance by the FDA. The SCF conclusion was that both data, in principle, are inadequate to obtain a classification into lists 0-4, unless they are accompanied by a technical explanation in which the applicant has provided an adequate justification for this approach and gives the appropriate reasons for omitting any migration or toxicological test. Therefore the applicant is invited to comply withSCF Guidelines in order to obtain a complete evaluation of a substance.

5. To facilitate the comprehension of this document, the definitions of the SCF lists 6-9 and list W are reported below:

LIST 6

Substances for which suspicions exist about their toxicity and for which data are lacking or are insufficient.

The allocations of substances to this list are mainly based upon similarity of structure of chemical substances already evaluated or known to have functional groups that indicate carcinogenic or other severe toxic properties.

Section A

Substances suspected to have carcinogenic properties. These substances should not be detectable in foods or in food simulants by an appropriate sensitive method for each substance.

Section B

Substances suspected to have toxic properties (other than carcinogenic). Restrictions may be indicated.

LIST 7

Substances for which some toxicological data exist, but for which an ADI or TDI could not be established. The required additional information should be furnished.

LIST 8

Substances for which no or only scanty and inadequate data were available.

LIST 9

Substances and groups of substances which could not be evaluated due to lack of specifications (substances) or to lack of adequate description (groups of substances). Groups of substances should be replaced, where possible, by individual substances actually in use.

Polymers for which the data on identity specified inSCF Guidelines are not available.

LIST W

"Waiting list". Substances not yet included in the existing positive lists of Member States. Although these substances appear in Synoptic documents, they are not susceptible to be included in the Community lists, lacking the data requested by the Committee.

SUMMARY OF ADDITIONAL DATA REQUESTED BY SCF FOR SUBSTANCES CLASSIFIED IN LISTS 6A, 6B, 7, 8, 9 AND W.

SUBSTANCES CLASSIFIED IN LIST 8 OR LIST 6A OR LIST 6B

If not yet transmitted, the applicant should provide data on:

- chemical properties and stability
- use
- migration (see p. 37) (N.B. The data shall be always provided except if they may be derived from calculation (see point 6.3.4 in "SCF Guidelines", p.49).
- Toxicology (see below)

Concerning the toxicological data to be submitted, these depend on the level of migration (M) obtained in the "worst" possible or foreseeable case. Three situations have been set out by the SCF in its guidelines (pages 39 and 40 of this document) and these are hereinafter repeated:

"6.3.1. IF 5< M < 60 MG/KG OF FOOD OR FOOD SIMULANT

the applicant should provide the following "full dossier" containing:

- a 90-day oral study
- 3 mutagenicity studies (see for the details p. 42)
  - i) a test for gene mutations in bacteria
  - ii) a test for chromosomal aberrations in cultured mammalian cells;
  - iii) a test for gene mutations in cultured mammalian cells; under special circumstances another validated eukaryotic test detecting gene-mutations may be acceptable;
- studies on absorption, distribution, metabolism and excretion;
- data on reproduction;
- data on teratogenicity;
- data on long-term toxicity/carcinogenicity.

These studies should be carried out according to the instructions in the EEC Directives and/or OECD guidelines, including "Good Laboratory Practice" (see bibliography, p. 41).

"6.3.2. **IF 0.05 < M < 5 MG/KG OF FOOD/FOOD SIMULANT:**

the applicant should provide either the "full dossier" mentioned in 6.3.1. in order to obtain an allocation of a TDI or the "reduced dossier" containing at least the following data:

- **data demonstrating the absence of potential bioaccumulation in animals (e.g. octanol/water partition coefficient);**
- **data demonstrating the absence of mutagenic potential by the 3 mutagenicity tests listed in 6.3.1;**
- **90-day oral toxicity study."**
- **other additional tests, if they are specifically requested by SCF.**

"In principle", if only a "reduced dossier" is available, the SCF will not allocate a TDI but will propose a restriction less or equal to 5 mg/kg of food or food simulant or some other equivalent restriction.

Only in some exceptional cases where other data are available, (i.e. studies on absorption, distribution, metabolism, excretion, reproduction, teratogenicity etc.), the SCF could establish a NOEL and consequently a TDI. Therefore the applicant is invited to summarize in the "Summary data sheet" accompanying the technical dossier the arguments on the basis of which he considers that a TDI could be established.

"6.3.3. **IF M < 0.05 MG/KG OF FOOD OR FOOD SIMULANT**

The applicant should provide either the "full dossier" mentioned in 6.3.1. in order to obtain an allocation of a TDI or the "reduced dossier" containing at least the migration data (they are necessary) and the data demonstrating the absence of mutagenic potential by the 3 mutagenicity tests listed under 6.3.1."

In principle, if only a "reduced dossier" is available, the SCF will not allocate a TDI but will propose a restriction less or equal to 0.05 mg/kg of food or food simulant or some other equivalent restriction. The SCF stressed that this restriction may be established, only if the migration data in the "worst conditions" are supplied.

NOTA BENE.

a) If, by calculation, it is possible to show that the level of migration of the substance (assuming that 100% of substance migrates) may not exceed the upper limits fixed in points 6.3.2 or 6.3.3, then the applicant can supply only the "reduced" dossier;

b) If the applicant believes that for an adequate evaluation of its substance, it is not necessary to supply all the requested data, he should give in the summary data sheet (see p. 83 of the "Practical Guide N.1") relevant reasons accompanied by supporting documents. **If the technical dossier does not contain a summary data sheet and the requested summaries, it should not be examined;**

c) As regards migration data, see p. 37.

SUBSTANCES CLASSIFIED IN LIST 7

The applicant should provide only the data specifically requested by the SCF.

However it should be noted that, frequently, these data represent only the minimal data requested to enable a first toxicological assessment to be made. These data would suffice for completion of a "reduced dossier", but would not be adequate for providing a "full dossier". In principle, if only a "reduced dossier" is available, the SCF would not allocate a TDI but will propose a restriction depending on the toxicological data available.

SUBSTANCES CLASSIFIED IN LIST 9

The SCF list 9 contains the following categories of substances which are listed below together with a summary of information required:

<u>Category 1</u>
Groups of substances inadequately described e.g. alkyl vinyl ethers; acids aliphatic (C6-C24); nonylphenol.

The applicant should specify, **as a first step**, the individual substances actually used (isomers included!) which are covered by this category, giving for each substance the details described in "SCF Guidelines", paragraph 1.1 and reported again on p. 28.

<u>Category 2</u>
Substances, natural or synthetic, which need specifications (e.g. castor oil; polymers or copolymers).

The applicant should provide, **as a first step**, specifications for these substances according to "SCF Guidelines" paragraphs 1.2 or 1.3 for the mixtures and to paragraph 1.4. for polymers used as additives (see p. 28 and also explanation on p. 19 of the "Practical Guide N.1"). Particularly important is the reference to specifications given, for example, by JECFA, Codex Alimentarius, Food Chemicals Codex, European or US Pharmacopoeias. The SCF examines the dossier and decides which types of additional data should be transmitted by the applicant (e.g. migration and/or toxicological data). The applicant finally supplies the requested additional data.

<u>Category 3</u>
Mixtures, defined or not defined, and inadequately described for toxicological evaluation.

The applicant should provide, **as a first step**, full details of these mixtures, according toSCF Guidelines in paragraphs 1.2 and 1.3, set out again in p.28 and also explanation in p.13 and following of "Practical Guide N.1"). The SCF examines the dossier and decides which types of additional data should be transmitted by the applicant (e.g. migration and/or toxicological data). The applicant then supplies the requested additional data.

SUBSTANCES CLASSIFIED IN WAITING LIST

This case applies only to the "new" substances e.g. substances not yet included in the "official" Community list and never authorized at national level. It has to be underlined that these "new" substances are evaluated and classified applying the same criteria used for the "old" substances (substances already authorized at national level). **However they will only be included in the draft of the proposals for Directives if they are transferred in lists 0-4.** They are listed in the "Synoptic 6" only for information. If the substance is allocated in waiting list without any further indication ("W" in the column "SCF_L" of the "synoptic 6") or with the indication W8, the applicant should supply all the data depending on the level of migration obtained (see points 6.3.1-6.3.3, pages 24 and 25). If the substance is allocated into W7 or W9 supply the data respectively mentioned for the substances classified in lists 7 or 9.

DATA REQUESTED BY SCF IN ORDER TO RECLASSIFY A LIST 9 SUBSTANCE

1. IDENTITY

1.1. In the case of an individual, well-defined substance give:

1.1.1. Chemical names (IUPAC and some synonyms such as common name, CAS name and trade name).
1.1.2. CAS number.
1.1.3. Molecular and structural formulae; molecular weight.
1.1.4. Degree of purity; methods for determination of purity; qualitative and quantitative data concerning impurities.
1.1.5. Spectroscopic data; supply data which allow identification and characterisation of the substance, e.g. infrared and/or mass spectrometry.

1.2. Mixtures which can be defined.

a) Mixtures arising from natural sources.
These mixtures shall be submitted accompanied by toxicological data referring to the whole mixture with description of each component in accordance with paragraphs 1.1.1. - 1.1.5 and the proportion of each component.

b) Synthetic mixtures.
Each component of a synthetic mixture shall be submitted separately.

1.3. Mixtures which cannot be defined.

A description as complete as possible should be supplied, including:

a) the compounds or raw materials used in preparing the mixture;
b) the production process, production control and reproducibility of the process;
c) the method used to purify the product;
d) the substances formed during the process.

1.4. Polymer used as additive

1.4.1. CAS. N°
1.4.2. structure
1.4.3. starting substances and other substances present (e.g. impurities, additives) as well as their relative amounts
1.4.4. average molecular weight (in ponderal terms)
1.4.5. curve of the distribution of the molecular weights (ordinate weight % of molecules having a certain MW, abscissa the MW)(see figure on p. 36)

****

SECOND PART

SCF GUIDELINES

PRESENTATION OF A REQUEST FOR ASSESSMENT OF A SUBSTANCE TO BE USED IN PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS

(Extract of the annex 2 of the "Practical Guide N.1"

NOTA BENE
The document reported here as that included in "Practical Guide N.1" differs in some details from the same document published in the SCF Report, Series N. 26 (1992). The applicant is invited to follow strictly the document reported here.

MEMO

The addendum 2 of the explanatory note contains in the first part the entire version of the Annex 3 of the "Practical Guide N.1" and in the second part the entire version of the "SCF Guidelines" extracted also from "Practical Guide N. 1", without any relevant change. Moreover it contains in the second part the relevant pieces of the appendices which refer to the mutagenicity tests and to the hydrolysis and migration data.

The aim of this repetition is to allow the reader of the "Synoptic 6" to know rapidly what data should be provided in order to obtain a re-evaluation of a substance classified in SCF lists 6-9 and W. However it is strongly recommended to read carefully the "Practical Guide N.1.", if you intend to supply the data requested, mainly the Annex 2 and 3.

WARNING TO THE APPLICANTS

PROVIDE THE DATA REQUESTED BY SCF AS SOON AS POSSIBLE, OTHERWISE YOUR SUBSTANCE MAY NOT APPEAR IN THE FUTURE COMMUNITY LIST.

YOUR APPLICATION MAY NOT BE EXAMINED, IF YOU DO NOT FOLLOW COMMISSION SERVICES GUIDELINES CORRECTLY.

AVOID MAKING ONE OF THE FOLLOWING MOST COMMON MISTAKES, IF YOU WANT YOUR APPLICATION TO BE EXAMINED.

THE TEN RULES
FOR FOOD PACKAGING APPLICATIONS

1. READ CAREFULLY AND FOLLOW STRICTLY THE "NOTE FOR GUIDANCE" IN THE PREPARATION OF ANY APPLICATION AND BEFORE ANY REQUEST OF INFORMATION.

2. CONTACT EUROPEAN PROFESSIONAL ASSOCIATIONS OR NATIONAL AUTHORITIES, IF YOU NEED FURTHER EXPLANATION.

3. CONTACT THE COMMISSION SERVICES ONLY IF YOU ARE LOCATED OUTSIDE OF THE EUROPEAN COMMUNITIES OR IF, BY APPLYING THE RULES N.1 AND N.2, YOU DID NOT RECEIVE A SATISFACTORY ANSWER.

4. SEND A SINGLE APPLICATION FOR ANY SINGLE SUBSTANCE.

5. USE ONLY THE MODEL OF LETTERS PROVIDED IN THE "NOTE FOR GUIDANCE" AND ENCLOSE ALL THE MENTIONED DOCUMENTS AND SEND THEM TO ALL INDICATED PERSONS.

6. DO NOT SEND AN INCOMPLETE TECHNICAL DOSSIERS, BECAUSE THE SCF WILL REFUSE TO EXAMINE IT, UNLESS YOU ARE ABLE TO GIVE AN EXPLANATION IN THE "SUMMARY DATA SHEET".

7. REMEMBER a) TO ALWAYS FILL OUT A "SUMMARY DATA SHEET", INCLUDING THE SUMMARIES OF MIGRATION DATA AND OF TOXICOLOGICAL DATA AND b) TO SEND THE ORIGINAL DATA (AND NOT ONLY REFERENCES).

8. CONSULT EUROPEAN PROFESSIONAL ORGANIZATIONS OR NATIONAL AUTHORITIES BEFORE TRANSMITTING A TECHNICAL DOSSIER TO THE COMMISSION SERVICES, IN ORDER TO BE SURE THAT THERE IS NO CHANGE IN THE NOTE FOR GUIDANCE.

9. SEND LETTERS ONLY. DO NOT SEND FAXES OR FAXES FOLLOWED BY LETTERS

10. INCLUDE AN ADDRESS LABEL WITH YOUR LETTER, IF YOU WISH TO RECEIVE A QUICK ANSWER. ALWAYS ADD A COPY OF THE PREVIOUS CORRESPONDENCE, IF YOU REFER TO IT IN YOUR LETTER

THE SEVEN MAIN COMMON MISTAKES IN THE APPLICATIONS

1. NOT USING THE APPROPRIATE MODEL LETTER

2. NOT SENDING FULL DOSSIER TO COMMISSION AND RIVM

3. SENDING AN *INCOMPLETE* TECHNICAL DOSSIER OR A DOSSIER DEVIATING FROM GUIDELINES WITHOUT ANY EXPLANATION

4. NOT SENDING REQUESTED DATA OR SENDING DATA NO REQUESTED

5. NOT SENDING THE "SUMMARY DATA SHEET" OR SENDING THE "SUMMARY DATA SHEET" WITHOUT THE APPROPRIATE SUMMARY OF THE MIGRATION DATA OR TOXICOLOGICAL DATA.

6. PUTTING REFERENCES OR SUMMARIES IN THE TECHNICAL DOSSIER WITHOUT SENDING THE ORIGINAL DATA.

7. SENDING A SINGLE APPLICATION FOR MORE THAN ONE SUBTANCE.

6 SCF GUIDELINES

"Guidelines for presentation of data for toxicological evaluation of a substance to be used in materials and articles intended to come into contact with foodstuffs"

INTRODUCTION

These guidelines are written for plastic materials and articles, but they are also largely applicable to any material in contact with foodstuffs for which a list of authorized substances (positive list) is provided. Food utensils and any surface intended to come into contact with foodstuffs are also covered in this document by the term "packaging materials".

Packaging materials can contain substances that are capable of migrating into the packaged food. These toxicological guidelines are designed to assess potential hazards to consumers resulting from oral exposure due to migration of packaging substances into food.

Substances persisting in the environment can have harmful effects on the environment and/or can accumulate in food chains. There is currently no requirement for supplying information on the persistence of a substance in the environment or on its ecotoxicological impact to the Scientific Committee for Food. This information may have to be supplied to the appropriate competent authority. The fate of substances in the finished material or article after it has been submitted to waste disposal treatment is also considered by other competent authorities.

The safety in use of a substance in packaging materials depends on many factors, for example:

a. the biological properties of the substance (see later, point 6);

b. the maximum quantity of the substance likely to be consumed per day, which depends on:

i. the types of packaging materials which contain the substance;
ii. the fraction of each packaging material which contains the substance and quantities of the substance incorporated;
iii. the length of contact of the foods with the materials, the unit weight of food in relation to the surface area of packaging and temperatures encountered while food is in contact with the material;
iv. the extent of migration of the substance or of its breakdown products into each type of food and its possible reactions with food components;
v. the types of food packaged;
vi. the proportion of each type of food which is packaged in each type of packaging material;
vii. the quantities of foods consumed which have been in contact with each of the packaging materials containing the substance;

c. the frequency with which food containing the substance or its breakdown products or its reaction products with food is consumed;

d. the period over which food containing the substance is consumed. This is related to the period over which the substance is actually used in the manufacture of packaging materials intended for food contact. Technological advances have produced increasingly sophisticated types of packaging materials and many substances have been used in packaging formulations for limited periods, to be superceded by others. Some substances however have been in use for more than 20 years.

Substances migrating into food are not necessarily identical with substances used in the production of the packaging. Therefore, in assessing the safety of packaging materials, it is the toxicity of the substance which migrates that has to be assessed, since it is only this substance to which the consumer of the food is exposed.

In order to assess any risks to public health from using a substance in the production of food packaging materials, it is necessary to determine the identity of the chemical or chemicals which actually migrate into food, the quantities (in average and in extreme cases) which migrate into the total daily diet, and the toxicological profile of each chemical.

These guidelines set out the minimum data required to achieve the above objectives when approval of a new substance is being sought.

INFORMATION TO BE SUPPLIED FOR THE EVALUATION OF A SUBSTANCE TO BE USED IN MATERIALS AND ARTICLES IN CONTACT WITH FOOD

Reports submitted must contain sufficient details for evaluation. They should be structured in the order given below under 1-6. Justification for any deviation from the following guidelines must be given in the summary data sheet (see p. 83 of the "Practical Guide N.1."). Any reference to published information offered in support of an application should be accompanied by reprints or photocopies of such references. A summary data sheet must also be prepared.

1. IDENTITY OF THE SUBSTANCE

NOTA BENE: In order to enable the preparation of a bank of reference substances and a handbook containing characteristic spectra and other physico-chemical data, a sample of 250 grams of the substance should be supplied to the following laboratory which is collaborating with the Commission of the European Communities - Community Bureau of Reference:

⇒ FOR MONOMER
MAFF Food Science Laboratory
("Program: Reference substance for food packaging")
Colney Lane
Norwich NR4 7UQ
UNITED KINGDOM
Phone : (0603)259350
Fax: (0603)501123

⇒ FOR ADDITIVE : VAN LIEROP J.B.H. FOOD INSPECTION SERVICE, NIJENORD 6, 3552 UTRECHT NEDERLAND
Tax (030) 422566
Phone (030) 461611

If the substance is a gas at room temperature, a solution of the substance should be supplied at an appropriate concentration and in an appropriate solvent. In the case of difficulties in preparing the sample to be supplied, the applicant is instructed to contact the above mentioned laboratory.

1.1. In the case of an individual, well-defined substance give:

1.1.1. Chemical names (IUPAC and some synonyms such as common name, CAS name and trade name).
1.1.2. CAS number.
1.1.3. Molecular and structural formulae; molecular weight.
1.1.4. Degree of purity; methods for determination of purity; qualitative and quantitative data concerning impurities.
1.1.5. Spectroscopic data; supply data which allow identification and characterization of the substance, e.g. infrared and/or mass spectrometry.

1.2. Mixtures which can be defined.

a) Mixtures arising from natural sources.
These mixtures shall be submitted accompanied by toxicological data referring to the whole mixture (see point 6) with description of each component in accordance with points 1.1.1. - 1.1.5 and the proportion of each component.

b) Synthetic mixtures.
Each component of a synthetic mixture shall be submitted separately.

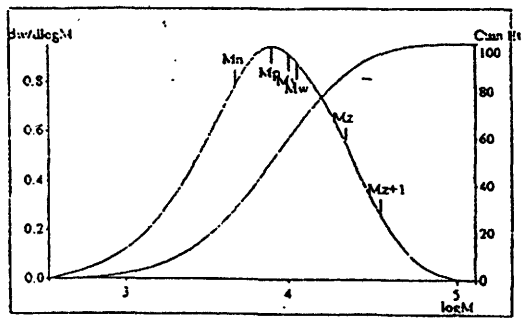
1.3. Mixtures which cannot be defined.

A description as complete as possible should be supplied, including:

1.3.1. the compounds or raw materials used in preparing the mixture;
1.3.2. the production process, production control and reproducibility of the process;
1.3.3. the method used to purify the product;
1.3.4. the substances formed during the process (by-products).

1.4. Polymer used as additive

1.4.1. CAS. N°
1.4.2. structure
1.4.3. starting substances and other substances present (e.g. impurities, additives) as well as their relative amounts
1.4.4. average molecular weight (in ponderal terms)
1.4.5. curve of the distribution of the molecular weights (ordinate weight % of molecules having a certain MW, abscissa the MW)(see figure below).
N.B. It was suggested that a calibration curve should be supplied including among the standards in the linear correlation two standards with MW of about 1000: a) a polystyrene standard, b) another standard whose structure should be as close as possible to that of the polymeric additive. However this suggestion is not yet discussed.
1.4.6 any relevant toxicological data, if they are available, because they may help accelerate evaluation.



2. PROPERTIES OF THE SUBSTANCE

2.1. Physical: give physical data like melting point, boiling point, decomposition temperature, flash point, vapour pressure and solubility in relevant solvents.
2.2 Chemical: give data e.g. nature of the substance i.e. whether is acidic, basic, or neutral, on reactivity, on stability to light, air, ionising radiation, heat, simulants in the condition of contact (use a concentration approximately 10 times the detection limi), on hydrolysis.
2.3. Information on any decomposition or transformation which the substance may undergo while the material or article is being manufactured; an indication of the decomposition or transformation products which may be formed in the finished material or article during production;
2.4. The maximum temperature reached in the manufacturing process.
2.5. If available, information on possible chemical reactions of the migrating substance with food components.

3. USE

3.1. Technological function of the substance.
3.2. All types of material in which the substance is intended to be used.
3.3. Any particular use of the material (e.g. microwave)
3.4. Maximum percentage in the formulation.
3.5. Maximum percentage which may remain in the material or article, when the amount given under 3.3 is reduced by chemical reactions and by processes such as washing, purification, evaporation, etc. The applicant should provide extraction data and details of the analysis carried out (see also point 5.5. on p. 38 of this document).
3.6. Mention any restrictions for use, e.g. type of foodstuffs, type of material, contact conditions, temperature, etc.

4. INFORMATION ON AUTHORISATION GIVEN BY COUNTRIES AND ON EVALUATION BY INTERNATIONAL ORGANISATIONS

State in which countries and under what conditions the substance is authorised for use in contact with food. Include reference to the official publication concerning the authorisation.

State by which international organisations evaluations have been made and enclose copies of relevant documents.

5. MIGRATION DATA

Ideally, in order to permit estimation of the daily intake of the substance, data should be provided on the extent of migration of the substance, its breakdown and reaction products (specific migration) from each of its formulations into each of the food types packaged under all foreseeable conditions of storage and use. In practice, detection and analysis of low concentrations of substances and breakdown and reaction products migrating into food is often difficult. Thus the only way to determine potential migration into food may be to use food simulants.

When food simulants are used, the provisions concerning the specific and overall migration established in EEC directives (see relevant references referring to this subject on p.41 of this document) or guidelines (see addendum 3 on p. 44) have to be followed.

If the substance is largely transformed during the processes and/or if potentially toxic reaction products are suspected, then data on the specific migration of the reaction products should be supplied.

Migration tests should be carried out with all the materials described in 3.2 (e.g. all types of plastic); in each instance with the maximum percentage of the substance defined in section 3.3 and the largest thickness intended to be used.

Details of migration tests must be reported, particularly the following:

5.1. Detailed composition of sample used, including initial concentration of any identified migrant, obtained by solvent extraction of the sample (see point 5.4).

5.2. Food or food simulant(s) used.

5.3. Conditions of contact such as time, temperature, ratio surface/volume or weight of food or food simulant, type of migration cell used or any other parameter which can influence the level of migration.

5.4. Describe in detail the analytical method(s) and procedure(s) used for the quantitative determination of the substance(s) or its/their decomposition or transformation products. In cases where a specific migration limit is likely to be established, a method of analysis should be proposed and described according to the guidelines provided on p. 65 and following of the "Practical Guide N.1". It should be a method which is suitable for food packaging control and which can be applied with consistent results by any properly equipped and trained laboratory personnel.

5.5 Results of migration data in mg/dm^2 and/or mg/kg.

5.6. Relationship between QM and SML in the worst estimated situation.

6. TOXICOLOGICAL DATA

6.1. The general requirements for toxicological studies which have to be supplied for substances in packaging materials are set out below.

In carrying out toxicological tests, the aim should be to obtain the maximum amount of relevant information using a minimum number of animals (5).

In deciding on the choice of studies, it should be recognised that not all chemicals used in the manufacture of a packaging material will migrate into food. Many will form a stable part of a polymer, some will migrate only in minute quantities, if at all, others will disappear during production, while yet others will decompose completely to yield either no or insignificant residues.

While many substances migrate in the same chemical form in which they were incorporated into packaging materials, others will migrate partially or totally in another chemical form (see point 5). In such cases the toxicological requirements may also apply to transformation or reaction products.

6.2. The essential core set of tests which has to be carried out comprises:

- a 90-day oral study

- 3 mutagenicity studies (see addendum 1, p. 42):

  i) a test for gene mutations in bacteria;
  ii) a test for chromosomal aberrations in cultured mammalian cells,
  iii) a test for gene mutations in cultured mammalian cells; under

special circumstances another validated eukaryotic test detecting gene-mutations may be acceptable;

- studies on absorption, distribution, metabolism and excretion;
- data on reproduction;
- data on teratogenicity;
- data on long-term toxicity/carcinogenicity.

These studies should be carried out according to EEC Directives (6)(7) and/or OECD guidelines, including "Good Laboratory Practice" (8)(9)(10)(11). The test substances should be of the same specification as described in point 1 (see p. 35 of this document).

If the above mentioned studies or prior knowledge indicate that relevant biological effects may occur, additional studies may be required.

At present no validated methods are available for studies in laboratory animals which would allow assessment of a substance's potential to cause intolerance and/or allergic reactions in susceptible individuals following oral exposure. However, studies on dermal or inhalation sensitization may give information relevant to possible hazards from occupational exposure and could be helpful in assessing consumer safety.

Observations in man as provided by health records of people employed in manufacture of the substance and, if relevant, of the polymer, would be regarded as useful ancillary information.

6.3. As a general principle, the greater the extent of migration into food, the more toxicological information will be required.

6.3.1. In cases where migration is above 5 mg/kg of food/food simulant, all the studies on the core list should be carried out. If any test is omitted this must be justified by providing appropriate reasons.

6.3.2. Under certain circumstances not all the core tests may be required, but at least the following should be carried out:
In cases where migration is in the range of 0.05 - 5 mg/kg of food/food simulant:

- demonstrate the absence of potential for bioaccumulation in animals (e.g. octanol/water partition coefficient);
- demonstrate the absence of mutagenic potential by the 3 mutagenicity tests listed above;
- supply a 90-day oral toxicity study.

6.3.3. In cases where migration is lower than 0.05 mg/kg of food/food simulant:

- demonstrate the absence of mutagenic potential by the 3 mutagenicity tests listed above;

6.3.4. As an alternative to determining the migration values mentioned in points 6.3.1, 6.3.2 and 6.3.3, it is possible to calculate the maximum level of migration by assuming that 100% of the substance in question migrates from the packaging material into food/food simulants.

6.3.5. In some cases results of hydrolysis studies may justify a reduction in toxicological testing. This may arise when the chemical structure suggests ready hydrolysis into substances which are toxicologically acceptable (e.g. stearic acid, ethyl ester, which may hydrolyse into a fatty acid and ethyl alcohol). Demonstration of hydrolysis may be carried out in foods or food simulants, representing the range of foods with which the substance may come into contact. Alternatively, or in cases where hydrolysis in food does not occur, hydrolysis can be evaluated in simulated saliva and/or gastrointestinal fluids (see addendum 2, p. 43).

BIBLIOGRAPHY

1) Council Directive 82/711/EEC of 18 October 1982.
(O.J. N. L 297 of 23.10.1982, p. 26).

2) Council Directive 85/572/EEC of 19 December 1985
(O.J. N. L 372 of 31.12.1985, p. 14).

3) Commission Directive 90/128/EEC of 23 February 1990
(O.J. N. L. 349 of 13.12.1990, p. 20).

4) Commission Directive 93/8/EEC of 15 March 1993 amending Council Directive 82/711/EEC (under press)

5) Council Directive 86/609/EEC of 24 November 1986
(O.J. N. L. 358 of 18.12.1986, p. 1).

6) Commission Directive 84/449/EEC of 25 April 1984
(O.J. N. L 251 of 19.09.1984).

7) Commission Directive 87/302/EEC of 18 November 1987
(O.J. N. L 133 of 30.05.1988, p. 1).

8) Council Directive 87/18/EEC of 18 December 1986
(O.J. N. L 15 of 17.01.1987, p. 29)

9) Council Directive 88/320/EEC of 9 June 1988
(O.J. N. 145 of 11.06.1988, p. 35)

10) Council Decision 89/569/EEC of 28 July 1989
(O.J. N. L. 315 of 28.10.1989, p. 1).

11) Commission Directive 90/18/EEC of 18 December 1989
(O.J. N. L. 11 of 13.01.1990, p. 37).

Addendum 1

PRACTICAL GUIDELINES FOR MUTAGENICITY TESTING

The following mutagenicity test are recommended.

1.1. A test for gene mutation in bacteria

1.1.1. In S. typhimurium.

1.1.2. If S. typhimurium is not appropriate, the test may be performed with E Coli (WP2 reverse mutation assay).

1.2. A test for chromosomal aberrations in cultured mammalian cells

In vitro mammalian cytogenetics test (CHO or V79 or human lymphocytes)

1.3. A test for gene mutations in cultured mammalian cells

1.3.1. In vitro mammalian cell gene mutation assay (HGPRT or TK+/-) in CHO or V79 or mouse lymphoma L5178Y cells)

1.3.2. Under special circumstances another validated eukaryotic test detecting gene mutations may be acceptable (e.g. Drosophila).

Addendum 2

PRACTICAL GUIDELINES FOR HYDROLYSIS TESTS

2.1. Preparation of simulants

2.1.1 Simulated saliva

Dissolve 4.2 g of sodium bicarbonate (NaHC03), 0.5 g of sodium chloride (NaCl), and 0.2 g of potassium carbonate (K_2C03) in 1 litre of distilled water or water of equivalent quality. The solution should be approximately pH 9.

2.1.2. Simulated gastric fluid

HCl 0.07 M (pH 1.15)

2.1.3. Simulated intestinal fluid

Dissolve 6.8 g of KH_2P04 in 250 ml of water and add 190 ml of 0.2 M NaOH and 400 ml of water. Add 10.0 g of pancreatin, mix, and adjust the resulting solution with 0.2 M NaOH to a pH of 7.5 + 0.1. Dilute with water to 1000 ml.

2.2. Procedure

Simulants should be in contact with the test substances at a temperature of 37°C for 1, 2 and 4 hours with shaking. The concentration of the test substance used should not be lower than maximum likely human intake predicted from migration studies. The hydrolysates should be examined by quantitative methods for both parent compound and breakdown products.

N.B. Non-water soluble substances.

The Commission services recently founded experimental research, the aim of which was to find a solvent dispersion method for non-water soluble substances. Although the study is not yet finished, it could be useful for the applicants to know how the contractor believes to solve the problem. This suggestion is reported below and , at this stage, cannot be considered a suggestion of the SCF - which has not yet been consulted - or of the Commission services.

For those test substances which are not fully soluble in the simulants at the concentrations selected, satisfactory dispersion in the simulants can usually be achieved by first dissolving the test substance in a small quantity of a water miscible solvent and then adding the solution to the simulant. Care must however be taken to ensure that during the hydrolysis test period the dispersedance is not isolated onto the walls of the vessel used for the hydrolysis studies and removed from contact with the simulant."

Addendum 3

GUIDELINES FOR OBTAINING AND DESCRIBING MIGRATION DATA

1. The applicant should follow the general criteria given in the "SCF guidelines" (see point 5 on p. 37). As it is specified here, the migration data should be obtained by applying the conditions established in EEC directives (see references on p. 41).

   It is also recommended to follow the guidance given in the following CEN documents:

   - "Guide to the selection of conditions and test methods for overall migration" (ENV..., under press);
   - "Guide to the selection of conditions and test methods for specific migration and determination of substances in plastics" (ENV....., under press).

N.B. 1. Send a letter to CEN (Mr. Jeanson), rue Stassart 36, B-1050 Brussels (fax: (02)5196819 - phone (02)5196819) for obtaining a copy of the above mentioned documents.

2. Read carefully and apply (see * at p. 86 of this document) the paragraph "Assessment of results" of the mentioned CEN documents.

3. Remember that in the total immersion test, only for the samples having a thickness greater than 0.5 mm, it is allowed to divide for both the surfaces.

However, in order facilitate the applicant, a summary of the main conditions contained in these Directives is given in the addendum as well some practical guidelines in some specific cases.

2. **The applicant may submit data obtained under FDA conditions, if it is clear that they can be considered equivalent or more stringent to those obtained applying these guidelines.**

3. The Commission services also stress that the applicant should, in principle, use the methods of analysis "validated" at Community level. For the purpose of this document the term "validated" is taken to mean a method which is recognized by one of the following organizations:

   1) European Communities;

   2) CEN

   3) other organizations, generally recognized qualified in this matter (e.g. ISO, ASTM, AOAC).

If such a method does not currently exist, an analytical method with appropriate performance characteristics (accuracy and precision) at the specified limit may be used.

4. The Commission services also stress that the applicant should, in principle, describe the methods of analysis as indicated in p.65 of the "Practical Guide N. 1". This is particularly important, if the method is not described in the scientific literature or for the new substances.

(See Directive 93/8/EEC concerning the first amendment of Directive 82/711/EEC on basic rules for testing migration in food simulants)

EXCEPTIONS TO THE EEC TEST CONDITIONS FOR MIGRATION

Hereinafter some special cases are reported as examples of possible derogations from the EEC test conditions for migration (food simulants, time and temperature) in accordance with paragraphe 5 (see p. 37).

1. If there is conclusive experimental proof that the detection limit in the simulant D is greater than 0.05 mg/kg and therefore, it would be impossible to present a "reduced" dossier as provided in point 6.3.3 (see p.39) ofSCF Guidelines, the applicant may replace the simulant D by one of the following "alternative EEC fat food simulants":

   - isooctane
   - ethanol 50% or 95%

   In that case it should be demonstrated that the substance under examination is sufficiently soluble in the alternative food simulant.

2. In the case of isooctane the test conditions to be used are indicated in the following table in correspondence with the test conditions used for the "Fat test":

Test condition with olive oil	Test conditions with iso-octane
10 d - 5 °C	0.5 h - 5 °C
10 d - 20 °C	1 h - 20 °C
10 d - 40 °C	2 d - 20 °C
2 h - 70 °C	0.5 h - 40 °C
1 h - 100 °C	0.5 h - 60 °C
0.5 h - 121 °C	1 h - 60 °C *
0.5 h - 130 °C	1 h - 60 °C *
2 h - 150 °C	2 h - 60 °C *
2 h - 175 °C	3 h - 60 °C *

(*) Before submitting a sample of the material to the test using isooctane ascertain that the material can withstand contact with oilve oil at elevated temperature by submerging a sample in olive oil under relevant t-T conditions taken from the table.

3. In the case of ethanol, the test for 10 d at 40 °C is replaced by a test using 1, 2, 4 and 10 days at 40°C at the following concentrations:

   (i) 50% (e.g. for PVC/PETP/PS)
   (ii) 95% (e.g. polyolefins)

4. If there is conclusive proof that the test for the determination of the migration in simulant D is inadequate from a technical standpoint, the applicant may replace the simulant D as indicated in paragraph 1.

5. The fat test for global migration need not to be necessarily carried out, if it is shown that the extraction by a solvent, carried out with a validated procedure, gives an extract higher than one obtained in the migration test according to the Directives.

   Solvents to be used should have low boiling points (B.P. < 100°C) and should be capable of causing swelling of the polymer. As a general rule, non polar polymers, e.g. polyolefines should be treated with non polar solvents e.g. heptane, iso-octane and polar polymers, e.g. polyamide should be treated with polar solvents, e.g. methanol, ethanol. Medium polar materials, such as polyesters can be treated with e.g. ethyl acetate, dichloromethane.

Question: Shall the reduction factors to be used in the case of replacement of olive oil by other simulants?

Answer : Yes.

ANNEX 1

PROVISIONAL LIST OF MONOMERS

Monomer and other starting substance" means any substance used in the manufacture of a macromolecule, which constitutes the repeating unit of a polymer chain or polymer network of any substance used in the manufacture of a plastic for food contact application. It includes also the substances used to modify existing natural or synthetic macromolecular substances. According to Directive 90/128/EEC, Annex 2, paragraph 1, the following substances are included in this definition:

"- substances undergoing polymerization, which include polycondensation, polyaddition or any other similar process, to manufacture macromolecules;
- natural or synthetic macromolecular substances used in the manufacture of modified macromolecules, if the monomers or the other starting substances required to synthesize them are not included in the list;
- substances used to modify existing natural or synthetic macromolecular substances."

Although the definition and the examples seem very precise, some difficulties arise in the identification of the "monomers and other starting substances" in practice. Therefore it is recommended to read carefully the explanation given in the Annex 1 of the "Practical Guide N.1" on pages 9 and 10.

See also Annex 1 bis pag.137 of this document.

LIST OF MONOMERS AND OTHER STARTING SUBSTANCES FOR PLASTICS AND COATINGS UPDATED TO 15 MAY 1994

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	10030	00514-10-3	ABIETIC ACID	2	A0/A1/A2	R17		Group TDI: 1 mg/kg b.w. 90-day and 2-year oral rat studies. (Ind Bio Test, 1962). (SCF, 17th Report, 1986).			+	+
	10060	00075-07-0	ACETALDEHYDE	2	A0/A1/A2	M36/R17	192/	TDI: 0.1 mg/kg b.w. Toxicity profiles similar to methaldehyde. A 2-year oral rat study and a 3-generation oral rat study including teratogenicity with methaldehyde. The reports on nasal carcinogenicity after inhalation were considered without relevance for effects from oral intake of smaller doses.		X	+	+
	10090	00064-19-7	ACETIC ACID	1	A0/A1/A2	R17		Group ADI: not specified. (SCF, 25th Series, 1990).			+	+
	10120	00108-05-4	ACETIC ACID, VINYL ESTER	2	A0/A1/A2	R17		TDI: 0.2 mg/kg b.w. 90-day oral studies and metabolism studies in mice and rats, teratogenicity studies in rats and several mutagenicity studies negative. (Hazleton: 2146-51/4 January 1980; 2511-51/11-14 and 2195-51/6 & 7).	SML= 12 mg/kg	Z	+	+
	10150	00108-24-7	ACETIC ANHYDRIDE	2	A0/A1/A2	M45/R17		Group TDI: included in the ADI not specified for acetic acid. (SCF, 25th Series, 1990).			+	+
	10155	00542-02-9	*ACETOGUANAMINE		B0/B1/B2 /B3				See "*2,4-DIAMINO-6-METHYL-1,3,5-TRIAZINE"	Same 15280	+	+
+	10157	00098-86-2	*ACETOPHENONE	8	Bx	M57	2218//					+
	10160	02206-94-2	*alpha-ACETOXYSTYRENE	6A	B1S/B2/B 3	M48/M45 /M42	482/		SML = 0.05 mg/kg	S1(24730)	+	
	10162	10521-96-7	*beta-ACETOXYSTYRENE	6A	B1S/B2/B 3	M48/M45 /M42	482/		SML = 0.05 mg/kg	S1(24730)	+	
	10180	00556-08-1	*p-(ACETYLAMINO)BENZOIC ACID	7	B0/D1	M30		Needed: 28-day oral study, hydrolysis and migration data.		PAR	+	
	10210	00074-86-2	ACETYLENE	3	A0/A1/A2	R17		Residues of this gas in plastics are very small. The gas has low toxic potential. Migration into food will be toxicologically negligible. (NIOSH, Criteria for a recommended standard, HEW		PO	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								Publ. n. 76-195).				
	10215	-	*ACIDS, ALIPHATIC AND CYCLIC, MONO- AND POLYCARBOXYLIC, ALLYL ESTERS	9	Bx/Dx	M45	503/		SML = 0.05 mg/kg	Ex L9*		+
	10218	-	*ACIDS, ALIPHATIC AND CYCLIC, MONO- AND POLYCARBOXYLIC, CROTONYL ESTERS	9	Bx/Dx	M48/M44	503/		SML = 0.05 mg/kg	Ex L9*		+
	10221	-	*ACIDS, ALIPHATIC AND CYCLIC, MONO- AND POLYCARBOXYLIC, METHALLYL ESTERS	9	Dx	M48/M45	503/		SML = 0.05 mg/kg	Ex L9*		+
	10224	-	*ACIDS, ALIPHATIC AND CYCLIC, MONO- AND POLYCARBOXYLIC, VINYL ESTERS	9	Dx	M48/M45	503/		SML = 0.05 mg/kg			+
	10230	-	*ACIDS, ALIPHATIC, DICARBOXYLIC (C3-C18), DIALLYL ESTERS	9	Dx	M48/M45	503/		SML = 0.05 mg/kg	Ex L9*		+
	10233	-	*ACIDS, ALIPHATIC, DICARBOXYLIC (C3-C18), DIVINYL ESTERS	9	Dx	M48/M45	503/		SML = 0.05 mg/kg	Ex L9*		+
	10240	-	*ACIDS, ALIPHATIC, DICARBOXYLIC, ESTERS WITH ALCOHOLS, ALIPHATIC, MONOHYDRIC	9	B0/D1	M23/R19	482/			PE/ Ex L9	+	+
	10270	-	*ACIDS, ALIPHATIC, DICARBOXYLIC (C3-C12), ESTERS WITH ALCOHOLS, UNSATURATED (C3-C18)	9	B0/D1	R17	482/			PE/Ex L9	+	
	10280	-	*ACIDS, ALIPHATIC, DICARBOXYLIC, LINEAR (C6-C12)	9	Bx/Dx	M43	503/			Ex L9*		+
	10285	-	*ACIDS, ALIPHATIC, DICARBOXYLIC, LINEAR (C2-C12), METHYL ESTERS	9	Bx/Dx	M43	503/			Ex L9*		+
	10300	-	*ACIDS, ALIPHATIC, DICARBOXYLIC, SATURATED (C4-C18)	9	B0/D1	R17	482/			Ex L9	+	+
	10305	-	*ACIDS, ALIPHATIC, DICARBOXYLIC, SATURATED (C4-C22)	9	Bx/Dx	M43	503/			Ex L9*		+
	10315	-	*ACIDS, ALIPHATIC, DICARBOXYLIC, SATURATED, ESTERS WITH POLYPROPYLENEGLYCOL	9	Bx/Dx	M43	503/			Ex L9*		+
	10330	-	*ACIDS, ALIPHATIC, DICARBOXYLIC, UNSATURATED (C4-C12)	9	B0/D1	R17	482/			Ex L9	+	+
	10360	-	*ACIDS, ALIPHATIC, DICARBOXYLIC,	9	B0/D1	R17	482/			UP/ Ex L9	+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
		UNSATURATED, ESTERS WITH POLYETHYLENEGLYCOL									
10390	-	*ACIDS, ALIPHATIC, DICARBOXYLIC, UNSATURATED, ESTERS WITH POLYPROPYLENEGLYCOL	9	BO/D1	M23/R19	482/			PUR,UP/ Ex L9	+	+
10400	-	*ACIDS, ALIPHATIC, DICARBOXYLIC, UNSATURATED (C4-C12), omega-SULPHOALKYL(C2-C6) DIESTER	9	Bx/Dx	M43	503/			Ex L9*		+
10410	-	*ACIDS, ALIPHATIC, DICARBOXYLIC, UNSATURATED (C4-C12), omega-SULPHOALKYL(C2-C6) ESTERS OF MONOALKYL(C1-C18) ESTERS	9	Bx/Dx	M43	503/			Ex L9*		+
10420	-	*ACIDS, ALIPHATIC, MONO- AND DICARBOXYLIC (C2-C20), VINYL ESTERS	9	BO/D1	M48/M45 /R17	441,482/		SML = 0.05 mg/kg	Ex L9	+	
10435	-	*ACIDS, ALIPHATIC, MONOCARBOXYLIC, BRANCHED (C8-C20)	9	Dx	M43	503/			Ex L9*		+
10450	-	*ACIDS, ALIPHATIC, MONOCARBOXYLIC (C3-C12), ESTERS WITH ALCOHOLS, UNSATURATED (C3-C18)	9	BO/D1	R17	482/			Ex L9	+	+
10480	-	*ACIDS, ALIPHATIC, MONOCARBOXYLIC, SATURATED (C2-C24)	9	BO/B1/B2 /B3	R17	351E,482,1 111/			Mixt/Ex L9	+	+
10510	-	*ACIDS, ALIPHATIC, MONOCARBOXYLIC, UNSATURATED (C3-C24)	9	BO/B1/B2 /B3	R17	482,1111/			Ex L9/Mixt/	+	+
10540	-	*ACIDS, ALIPHATIC, MONOCARBOXYLIC, UNSATURATED (C3-C8), ESTERS WITH ALCOHOLS, ALIPHATIC, MONOHYDRIC, SATURATED (C2-C12)	9	BO/D1	R17	482/			Ex L9	+	+
10570	-	*ACIDS, ALIPHATIC, MONOCARBOXYLIC, UNSATURATED, ESTERS WITH POLYPROPYLENEGLYCOL	9	BO/D1	M48/R19	482/		SML = 0.05 mg/kg	Ex L9	+	
10572	-	*ACIDS, ALIPHATIC, MONOCARBOXYLIC, UNSATURATED (C3-C18), omega-SULPHOALKYL(C2-C6) ESTERS	9	Bx/Dx	M43	503/			Ex L9*		+
10574	-	*ACIDS, ALIPHATIC, MONOCARBOXYLIC (C2-C20), VINYL ESTERS	9	Dx	M48/M45	503/		SML = 0.05 mg/kg	Ex L9*		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	10576	-	*ACIDS, ALIPHATIC, MONO- AND POLYCARBOXYLIC (C1-C18)	9	Bx/Dx	M43	503/			Ex L9*		+
	10578	-	*ACIDS, ALIPHATIC, MONO- AND POLYCARBOXYLIC (C3-C12), ESTERS WITH ALCOHOLS, ALIPHATIC, MONOHYDRIC (C1-C18)	9	Bx/Dx	M43	503/			Ex L9*		+
	10580	-	*ACIDS, ALIPHATIC, MONO- AND POLYCARBOXYLIC (C3-C12), ESTERS WITH ALKYL(C8-C18)ARYLPOLY (ETHYLENE- AND/OR PROPYLENE- AND/OR BUTYLENEGLYCOL) (ARYL = BENZENE OR NAPHTHALENE)	9	Bx/Dx	M43	503/			Ex L9*		+
	10582	-	*ACIDS, ALIPHATIC, MONO- AND POLYCARBOXYLIC (C3-C12), ESTERS WITH ALKYL(C8-C18)POLY(ETHYLENE- AND/OR PROPYLENE- AND/OR BUTYLENEGLYCOL)	9	Bx/Dx	M43	503/			Ex L9*		+
	10584	-	*ACIDS, ALIPHATIC, MONO- AND POLYCARBOXYLIC (C3-C12), ESTERS WITH CYCLOHEXANOL	9	Bx/Dx	M43	503/			Ex L9*		+
	10586	-	*ACIDS, ALIPHATIC, MONO- AND POLYCARBOXYLIC (C3-C12), ESTERS WITH ETHER ALCOHOLS (C2-C20)	9	Bx/Dx	M43	503/			Ex L9*		+
	10588	-	*ACIDS, ALIPHATIC, MONO- AND POLYCARBOXYLIC (C3-C12), ESTERS WITH POLY(ETHYLENE- AND/OR PROPYLENE- AND/OR BUTYLENEGLYCOL)	9	Bx/Dx	M43	503/			Ex L9*		+
	10590	-	*ACIDS, ALIPHATIC, MONO- AND POLYCARBOXYLIC (C3-C12), MONOESTERS WITH BUTANEDIOL	9	Bx/Dx	M43	503/			Ex L9*		+
	10592	-	*ACIDS, ALIPHATIC, MONO- AND POLYCARBOXYLIC (C3-C12) MONOESTERS WITH ETHYLENEGLYCOL	9	Bx/Dx	M43	503/			Ex L9*		+
	10594	-	*ACIDS, ALIPHATIC, MONO- AND POLYCARBOXYLIC (C3-C12), MONOESTERS WITH PROPANEDIOL	9	Bx/Dx	M43	503/			Ex L9*		+
	10595		*ACIDS ALIPHATIC, SATURATED(C10), VINYL ESTERS	9	Dx	M48/M45	894/		SML = 0.05 mg/kg	S2(10224)		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	10596	-	*ACIDS, FATTY, ABOVE C6	9	Dx	M43	503/					+
	10598	-	*ACIDS, FATTY, DIMERS AND TRIMERS	9	Dx	M43	503/1106/					+
	10598/1	-	*ACIDS, FATTY, SATURATED(C6-C18)	D	Dx		503/			Ex L9*		+
	10599/50		*ACIDS,FATTY,SATURATED(C8)	9	Dx	M45	894/			S2(10576,10596)		+
	10599/53		*ACIDS,FATTY,SATURATED(C9)	9	Bx/Dx	M45	894/			S2(10576,10596)		+
	10599/56		*ACIDS,FATTY,SATURATED(C10)	9	Bx/Dx	M45	894/			S2(10576,10596)		+
	10599/70		*ACIDS,FATTY,UNSATURATED(C18)	9	B1S/B2/B3	M45	894//			S1(10600) S2(10576,10596)	+	+
	10599/73		*ACIDS,FATTY,UNSATURATED(C20)	9	Bx	M45	894/			S2(10576,10596) /See cs/pm/1690		+
	10599/76		*ACIDS,FATTY,UNSATURATED(C22)	9	Bx	M45	894/			S2(10596)/see cs/pm/1690		+
	10599/79		*ACIDS,FATTY,UNSATURATED(C24)	9	Bx/Dx	M45	894/			S2(10596)		+
	10599/90	61788-89-4	*ACIDS, FATTY, UNSATURATED(C18), DIMERS	D	B1S/D2					Name changed.Replaced by 10599/90A	+	+
	10599/90A	61788-89-4	*ACIDS, FATTY, UNSATURATED(C18), DIMERS, DISTILLED	7-P	B2/B3	M47/M45	1138+/1553-5,1730*,2359(mMB90) (RIVM	The substances 10599/90,91,92,93 will be evaluated as a group. Needed: migration data for dimers, hydrogenated, distilled (PM/REF. 10599/92) and toxicity data for dimers non distilled (PM/REF. 10599/91).		Replace 10599/90	+	+
	10599/91	61788-89-4	*ACIDS, FATTY, UNSATURATED(C18), DIMERS, NON DISTILLED	7-P	B2/B3	M47	1138+/1553-5,1731*,2359 (id)(RIVM)	See references for 10599/90A.		SCF split	+	+
	10599/92	68783-41-5	*ACIDS, FATTY, UNSATURATED(C18), DIMERS, HYDROGENATED	D	D2					Name changed. Replaced by 10599/92A	+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
10599/ 92A	68783-41-5	*ACIDS, FATTY, UNSATURATED(C18), DIMERS, HYDROGENATED, DISTILLED	7-P	B2/B3	M47/M45 /M43	1138+/1553 -5,2359 (id)(RIVM)	See references for 10599/90A.		Replace 10599/92	+	+
10599/ 93	68783-41-5	*ACIDS, FATTY, UNSATURATED(C18), DIMERS, HYDROGENATED, NON DISTILLED	7-P	B2/B3	M47	1138+/1553 -5,2359 (id)(RIVM)	See references for 10599/90A.		SCF split	+	+
10600	-	*ACIDS, LINEAR, WITH AN EVEN NUMBER OF CARBON ATOMS (C8-C22), AND THE DIMERS AND TRIMERS OF THE UNSATURATED ACIDS	D	B0/B1/D2	M44/M36 /M14	482,555/11 22+/			UP/Mixt/Ex L9	+	+
10615	00499-12-7	*ACONITIC ACID	8	Dx	M43	503/			Covered by 10576/ Same 23845		+
10620	-	*ACONITIC ACID, METHYL ESTERS	9	Bx/Dx	M43	503/			Cov.by 10578/Same 23847		+
10630	00079-06-1	ACRYLAMIDE	4A	B0/A1/A2	M48/R17 /M44	588,776*,9 20/	Neurotoxic for all 6 animal species tested. Teratogenic in rats. Genotoxic in several short term tests and carcinogenic in rats. (RIVM doc. March 1991).	SML = not detectable (DL= 0.01 mg/kg)		+	+
10660	15214-89-8	2-ACRYLAMIDO-2-METHYLPROPANESULPHONIC ACID	3	B0/B1/B2 /B3A	M54/M49 /M44/M4 0/M23/R 19	1826+/2013 ,2055,2083 //	R: 0.05 mg/kg of food. Available: Migration data and mutagenicity tests. Considered non-genotoxic based on the available studies (CS/PM/2083).	SML = 0.05 mg/kg		+	+
10690	00079-10-7	ACRYLIC ACID	2	A0/A1/A2	M40/R17	368,371/	Group t-TDI: 0.1 mg/kg b.w. pending results of ongoing teratogenicity studies on acrylic acid. Available: a 90-day oral rat study, an oral reproduction study, 2- year oral rat and dog studies with acrylic acid and an oral teratogenicity study in rats with ethyl acrylate, 3-year oral rat and dog studies with acrylic acid, ethylene glycol monoester. (NTP; Union Carbide report N. 43-529 (26 August 1980) and N. 43-528 (22 August 1980); RIVM report 65116008 (June 1984); report Dow, 1967 and 1967; RIVM report 06-02-1990).		X	+	+
10720	00999-55-3	*ACRYLIC ACID, ALLYL ESTER	6A	B0/B1/D2	M48/M45 /M40/R1 7	729*/		SML = 0.05 mg/kg	PAM,PS,PVC	+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
10750	02495-35-4	ACRYLIC ACID, BENZYL ESTER	2	B0/B1/A2	M50,R17	891*/1266/	Group TDI: 0.1 mg/kg bw (as acrylic acid). Hydrolysis (complete) data allow to allocate the same TDI as acrylic acid.		PAM/X	+	
10775	84100-23-2	*ACRYLIC ACID, 4-tert-BUTYLCYCLOHEXYL ESTER	8	B1S/D2	M42	482/			S1(11290)	+	+
10780	00141-32-2	ACRYLIC ACID, n-BUTYL ESTER	2	A0/A1/A2	R17		Group t-TDI: 0.1 mg/kg b.w. (as acrylic acid). See references for acrylic acid.		X	+	+
10810	02998-08-5	ACRYLIC ACID, sec-BUTYL ESTER	2	A0/A1/A2	M28/R20		Group t-TDI: 0.1 mg/kg b.w. (as acrylic acid). See references for acrylic acid.		PAM/X	+	+
10840	01663-39-4	ACRYLIC ACID, tert-BUTYL ESTER	2	A0/A1/A2	M28/R20		Group t-TDI: 0.1 mg/kg b.w. (as acrylic acid). See references for acrylic acid.		PAM/X	+	+
10870	02206-89-5	*ACRYLIC ACID, 2-CHLOROETHYL ESTER	8	B0/D1	R17/M45				PAM	+	
10900	-	*ACRYLIC ACID, CYCLOHEXYLAMINOETHYL ESTER	8	B0/D1	M33/R20	509/			PAM	+	
10930	03066-71-5	*ACRYLIC ACID, CYCLOHEXYL ESTER	8	B0/B1/B2 /B3	M50/M45 /R17	888*/1264* /	Available: hydrolysis data, but hydrolysis is not complete.		Hydrol.not compl.	+	+
10960	16868-13-6	*ACRYLIC ACID, CYCLOPENTYL ESTER	8	B0/D1	R17/M45					+	+
10990	02156-96-9	*ACRYLIC ACID, DECYL ESTER	7	B0/B1/D2	M28/R20	728*/	Needed: hydrolysis data.			+	+
10995	-	*ACRYLIC ACID, N,N-DIALKYL(C1-C4)AMINOALKYL(C2-C8) ESTER	9	Bx/Dx	M43	503/			Ex L9*		+
11000	50976-02-8	*ACRYLIC ACID, DICYCLOPENTADIENYL ESTER	8	B1S/B2/B 3	M42	482,860*/1 295/			S1(11320)/	+	+
11005	12542-30-2	*ACRYLIC ACID, DICYCLOPENTENYL ESTER	8	B1S/D2	M42	482/			S1(11320)	+	+
11010	24447-78-7	*ACRYLIC ACID, DIESTER WITH 2,2-BIS(4-HYDROXY PHENYL)PROPANE BIS(2-HYDROXYETHYL) ETHER	8	B1S/D2	M42	482/			S1(11380)	+	+
11020	19485-03-1	*ACRYLIC ACID, DIESTER WITH 1,3-BUTANEDIOL	8	B0/B1/D2	R17/M45	727*/				+	+
11050	01070-70-8	*ACRYLIC ACID, DIESTER WITH 1,4-BUTANEDIOL	8	B0/B1/B2 /B3	M45/R17	688*,1307* /				+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	11080	04074-88-8	*ACRYLIC ACID, DIESTER WITH DIETHYLENEGLYCOL	8	BO/B1/D2	R17/M45	726*/				+	+
	11090	02223-82-7	*ACRYLIC ACID, DIESTER WITH 2,2-DIMETHYL-1,3-PROPANEDIOL	8	Dx	M43	537/			S2(11335)		+
	11100	57472-68-1	*ACRYLIC ACID, DIESTER WITH DIPROPYLENEGLYCOL	8	Dx	M43	537/			S2(11380)		+
	11110	02274-11-5	*ACRYLIC ACID, DIESTER WITH ETHYLENEGLYCOL	8	BO/B1/D2	R17/M45	725*/				+	+
	11140	13048-33-4	*ACRYLIC ACID, DIESTER WITH 1,6-HEXANEDIOL	8	BO/B1/D2	R17/M45	509/714*/				+	+
	11170	26570-48-9	*ACRYLIC ACID, DIESTER WITH POLYETHYLENEGLYCOL	8	BO/B1/D2	R17/M45	713*/				+	+
	11180	17831-71-9	*ACRYLIC ACID, DIESTER WITH TETRAETHYLENEGLYCOL	8	B1S/B2/B 3	M45/M42	482/			S1(11380)	+	+
	11190	01680-21-3	*ACRYLIC ACID, DIESTER WITH TRIETHYLENEGLYCOL	8	Dx	M43	537/			S2(11380)		+
	11195	68901-05-3 and 42978-66-5	*ACRYLIC ACID, DIESTER WITH TRIPROPYLENEGLYCOL	8	B1S/B2/B 3	M45/M42	482/1131/			S1(11380)	+	+
	11200	02426-54-2	*ACRYLIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER	8	BO/B1/D2	R17/M45	712*/			PAM	+	+
	11230	02439-35-2	*ACRYLIC ACID, 2-(DIMETHYLAMINO)ETHYL ESTER	7	BO/B1/D2	M37/M45	711*/	Needed: hydrolysis data.		PAM	+	+
	11245	02156-97-0	*ACRYLIC ACID, DODECYL ESTER	8	B1S/B2/B 3	M51/M42	1827+//			S1(11290)/Part. hydrol	+	+
	11260	00106-90-1	*ACRYLIC ACID, 2,3-EPOXYPROPYL ESTER	6A	BO/B1/D2	M45/R17	349,710*/		QM(T) = 5 mg/kg in fp (expressed as epoxy)	PVDC	+	+
	11290	-	*ACRYLIC ACID, ESTERS WITH ALCOHOLS, ALIPHATIC, MONOHYDRIC, SATURATED (C1-C21)	9	BO/D1	R17	482/			Ex L9	+	+
	11320	-	*ACRYLIC ACID, ESTERS WITH ALCOHOLS, ALIPHATIC, MONOHYDRIC, UNSATURATED	9	BO/D1	R17	441,482/			PVC/Ex L9	+	+

LIST OF MONOMERS AND OTHER STARTING SUBSTANCES FOR PLASTICS AND COATINGS UPDATED TO 15 MAY 1994

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
		(C4-C18)									
11335	-	*ACRYLIC ACID, ESTERS WITH ALCOHOLS, ALIPHATIC, POLYHYDRIC	9	Bx/Dx	M43	503/			Ex L9*		+
11350	-	*ACRYLIC ACID, ESTERS WITH ALCOHOLS, ALIPHATIC, POLYHYDRIC (C2-C21)	9	B0/D1	R17	442,482/			Ex L9	+	+
11365	?	*ACRYLIC ACID, ESTER WITH 2,2-DIMETHYL-1,3- PROPANEDIOL	D	Dx					Cov.by 11090,11815		+
11380	-	*ACRYLIC ACID, ESTERS WITH ETHERALCOHOLS	9	B0/D1	M28/R20	482,1064/			PAM/ Ex L9	+	+
11390	-	ACRYLIC ACID, ESTERS WITH ETHERALCOHOLS, ALIPHATIC, MONOHYDRIC, SATURATED (C1-C21)	D	Dx					PAM/Cov.by 11380	+	
11410	-	*ACRYLIC ACID, ESTERS WITH GLYCOLETHERS OBTAINED FROM MONO- AND/OR DIGLYCOLS WITH ALCOHOLS, ALIPHATIC, MONOHYDRIC (C1-C18)	9	B0/D1	M36/M14	482/			Ex L9	+	+
11425		*ACRYLIC ACID, ESTER WITH METHOXYDIETHYLENE- GLYCOL	8	Dx	M43	537/			S2(11380)		+
11430	32171-39-4	*ACRYLIC ACID, ESTER WITH METHOXYPOLYETHYLENEGLYCOL	8	Dx	M43	537/			S2(11380)		+
11440	44992-01-0	*ACRYLIC ACID, ESTER WITH TRIMETHYLETHANOLAMMONIUM CHLORIDE	8	B0/D1	M28/R20	446/			PAM	+	
11470	00140-88-5	ACRYLIC ACID, ETHYL ESTER	2	A0/A1/A2	R17		Group t-TDI: 0.1 mg/kg b.w. (as acrylic acid). See references for acrylic acid.		X	+	+
11500	00103-11-7	*ACRYLIC ACID, 2-ETHYLHEXYL ESTER	8	B0/B1/B2 /B3	R17/M45	1875+/				+	+
11510	00818-61-1	ACRYLIC ACID, HYDROXYETHYL ESTER		A0/A1/A2				See "ACRYLIC ACID, MONOESTER WITH ETHYLENEGLYCOL"	Same 11830	+	
11520	02918-23-2	*ACRYLIC ACID, 2-HYDROXYISOPROPYL ESTER (= acrylic acid, 2-hydroxy-1-methylethyl ester)	7	B1S/B2/B 3	M42/M45	482/1675*, 1737*	Needed: hydrolysis data.		S1(11350)	+	+
11530	00999-61-1	*ACRYLIC ACID, 2-HYDROXYPROPYL ESTER	7	B0/B1/B2 /B3	R17/M45	715*,1210* /1737*	Needed: hydrolysis data.		PAM,PVC,PVDC	+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
11532	02761-08-2	*ACRYLIC ACID, 3-HYDROXYPROPYL ESTER	8	B1S/D2	M42	482/			S1(11350)	+	+
11560	05888-33-5	*ACRYLIC ACID, ISOBORNYL ESTER	8	BO/B1/B2 /B3	R17/M45	716*/				+	
11590	00106-63-8	ACRYLIC ACID, ISOBUTYL ESTER	2	AO/A1/A2	R17		Group t-TDI: 0.1 mg/kg b.w. (as acrylic acid). See references for acrylic acid.		PAM/X	+	+
11620	01330-61-6	*ACRYLIC ACID, ISODECYL ESTER	8	BO/B1/B2 /B3	R17/M45	717*/				+	+
11645	93841-48-6	*ACRYLIC ACID, ISOOCTADECYL ESTER	8	Dx	M43	537/			S2(11290)		+
11650	29590-42-9	*ACRYLIC ACID, ISOOCTYL ESTER	8	BO/B1/B2 /B3	M28/R20 /M45	718*/			PAM	+	+
11680	00689-12-3	ACRYLIC ACID, ISOPROPYL ESTER	2	AO/A1/A2	M28/R17		Group t-TDI: 0.1 mg/kg b.w. (as acrylic acid). See references for acrylic acid.		PAM/X	+	+
11695	03121-61-7	*ACRYLIC ACID, 2-METHOXYETHYL ESTER	6B	B1S/B2/B 3	M48	1064/		SML = 0.05 mg/kg	S1(11380)	+	
11710	00096-33-3	ACRYLIC ACID, METHYL ESTER	2	AO/A1/A2	R17		Group t-TDI: 0.1 mg/kg b.w. (as acrylic acid). See references for acrylic acid.		X	+	+
11740	10095-13-3	*ACRYLIC ACID, MONOESTER WITH 1.3-BUTANEDIOL	7	BO/B1/B2 /B3	R17/M45	719*/	Needed: hydrolysis data.			+	+
11770	02478-10-6	*ACRYLIC ACID, MONOESTER WITH 1,4-BUTANEDIOL	8	BO/B1/B2 /B3	R17/M45	676*,1317/				+	+
11800	13533-05-6	*ACRYLIC ACID, MONOESTER WITH DIETHYLENEGLYCOL	7	BO/B1/B2 /B3	R17/M45	720*/	Needed: hydrolysis data.		UP	+	+
11815	26424-32-8	*ACRYLIC ACID, MONOESTER WITH 2,2-DIMETHYL- 1,3-PROPANEDIOL	8	Dx	M43	537/			S2(11335)		+
11830	00818-61-1	ACRYLIC ACID, MONOESTER WITH ETHYLENEGLYCOL	2	AO/A1/A2	R17		Group t-TDI: 0.1 mg/kg b.w. (as acrylic acid). See references for acrylic acid.		X/Same 11510	+	+
11840	10095-14-4	*ACRYLIC ACID, MONOESTER WITH 1,6-HEXANEDIOL	8	Dx	M43	537/			S2(11335)		+
11845		*ACRYLIC ACID, MONOESTER WITH PENTAPROPYLENEGLYCOL	7	Bx	M46	894/	Needed: hydrolysis data.		S2(11380)		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	11850	26403-58-7	*ACRYLIC ACID, MONOESTER WITH POLYETHYLENEGLYCOL	8	Dx	M43	537/			S2(11380)		+
	11855	50858-51-0	*ACRYLIC ACID, MONOESTER WITH POLYPROPYLENEGLYCOL	8	Dx	M43	537/			S2(11380)		+
	11860	-	*ACRYLIC ACID, MONOESTER WITH PROPYLENEGLYCOL	9	B0/B1/D2	M45/M36 /M17	721*/			PAM,PVDC	+	+
	11875	04813-57-4	*ACRYLIC ACID, OCTADECYL ESTER	7	B1S/D2	M42	482/	Needed: hydrolysis data.		S1(11290)	+	+
	11890	02499-59-4	ACRYLIC ACID, n-OCTYL ESTER	2	B0/B1/A2	M50/M28 /R20	909*,1374/ 1569/	Group TDI: 0.1 mg/kg bw (as acrylic acid). Hydrolysis (complete) data allow to allocate the same TDI as acrylic acid.		PAM	+	+
	11920	05048-82-8	*ACRYLIC ACID, PHENYLAMINOETHYL ESTER	8	B0/D1	R17/M45				PAM	+	
	11950	00937-41-7	*ACRYLIC ACID, PHENYL ESTER	7	B0/D1	M28/R20		Needed: hydrolysis data.		UP	+	+
	11980	00925-60-0	ACRYLIC ACID, PROPYL ESTER	2	A0/A1/A2	R17		Group t-TDI: 0.1 mg/kg b.w. (as acrylic acid). See references for acrylic acid.		X	+	+
	12010	40074-09-7	*ACRYLIC ACID, 2-SULPHOETHYL ESTER	8	B0/B1/B2 /B3	M44/M23 /R19	723*/				+	+
	12040	39121-78-3	*ACRYLIC ACID, SULPHOPROPYL ESTER	8	B0/B1/B2 /B3	M44/R17	724*/865/			PAM,PVDC	+	+
	12055	94160-26-6	*ACRYLIC ACID, TRIESTER WITH GLYCEROL TRIS(2-HYDROXYPROPYL) ETHER	8	B1S/B2/B 3	M42	482/1131/			S1(11380)	+	+
	12058	03524-68-3	*ACRYLIC ACID, TRIESTER WITH PENTAERYTHRITOL	8	Dx	M43	537/			S2(11335)		+
	12062	75577-70-7	*ACRYLIC ACID, TRIESTER WITH 1,1,1-TRIMETHYLOLPROPANE TRIS(2-HYDROXYETHYL) ETHER	8	B1S/B2/B 3	M42	482/1131/			S1(11380)	+	+
	12070	02177-18-6	*ACRYLIC ACID, VINYL ESTER	7	B0/D1	M48/M45 /R17		Needed: hydrolysis data.	SML = 0.05 mg/kg	PAM,PVC	+	+
	12100	00107-13-1	ACRYLONITRILE	4A	A0/A1/A2	R17	388,1600/	(SCF, 13th Series, 1982).	SML= not detectable (DL=0.02 mg/kg, analytical tolerance included)		+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	12130	00124-04-9	ADIPIC ACID	1	A0/A1/A2	R17		ADI: 5 mg/kg b.w. (SCF, 25th Series, 1990).			+	+
	12140	03130-19-6	*ADIPIC ACID,BIS(3,4-EPOXYCYCLOHEXYLMETHYL) ESTER	6A	Bx	M45	1753*//		QM = 5 mg/kg in fp (expressed as epoxy)			+
	12160	02998-04-1	*ADIPIC ACID, DIALLYL ESTER	6A	B0/B1/B2 /B3	M48/M45 /M27/R19	730*/		SML = 0.05 mg/kg	Same 32200	+	+
+	12190	00105-97-5	*ADIPIC ACID, DI-n-DECYL ESTER	6B	B0/B1/B2 /B3+	M54/M46 /M40/R17	790*/2117/ /	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation study, too.	SML(Tp)= 3 mg/kg	UP/Same 32320/To be del.in 3rd amendm	+	+
+	12220	27178-16-1	*ADIPIC ACID, DIISODECYL ESTER	6B	B0/B1/B2 /B3+	M54/M46 /M40/R17	698*/2117/ /	Group R: 0.05 mg/kg b.w. Needed: in first instance specifications and then on the specified substances toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tp) = 3 mg/kg	UP/Same 32560/To be del.in 3rd amendm	+	+
+	12235	00627-93-0	*ADIPIC ACID, DIMETHYL ESTER	6B	Dx	M54/M46 /M43	537/2117//	Group R : 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and. if migration exceeds 0.050 mg/kg, peroxisome proliferation study too.	SML(Tp)= 3 mg/kg	S2(10240)		+
+	12250	00123-79-5	*ADIPIC ACID, DI-n-OCTYL ESTER	6B	B0/B1/B2 /B3+	M54/M46 /M40/R17	731*,2117/ /	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCFguidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation study too.	SML(Tp)= 3 mg/kg	UP/to be del.in 3rd amendm	+	+
	12265	004074-90-2	*ADIPIC ACID, DIVINYL ESTER	6A	B1S/B2/B3	M48/M45 /M42	1876+/		SML = 0.05 mg/kg	S1(10420)	+	+
	12280	02035-75-8	ADIPIC ANHYDRIDE	2	B0/A1/A2	M45/R17		Group TDI: 5 mg/kg b.w. Included in group ADI for adipic acid.			+	+
	12310	-	ALBUMIN	0	A0/A1/A2	M23/R19					+	
	12340	-	ALBUMIN, COAGULATED BY FORMALDEHYDE	3	A0/A1/A2	M23/R19		Though albumin is a food component, it has been			+	

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							modified by formaldehyde which is classified in list 3 in 17th Series, SCF, 1986.				
12365	-	*ALCOHOLS, ALIPHATIC, MONOHYDRIC, SATURATED (C1-C18)	9	Bx/Dx	M43	503/			Similar 12370,12375		+
12370	-	*ALCOHOLS, ALIPHATIC, MONOHYDRIC, SATURATED, PRIMARY, SECONDARY OR TERTIARY (C4-C22)	7	BO/B1/B2 /B3	M36	677*,1314/	Needed: actual use, 28-day oral study of one lower and one higher alcohol.			+	+
12375	-	ALCOHOLS, ALIPHATIC, MONOHYDRIC, SATURATED, LINEAR, PRIMARY (C4-C22)	3	AO/A1/A2	M36		90-day oral studies, metabolic and/or mutagenicity studies with some substances out of the group.			+	+
12400	-	*ALCOHOLS, ALIPHATIC, MONOHYDRIC, UNSATURATED (UP TO C18)	9	BO/D1	M36/R17	440,482/			Ex L9	+	+
12430	-	*ALCOHOLS, ALIPHATIC, POLYHYDRIC (UP TO C18)	9	BO/D1	R17	482/			Ex L9	+	+
12460	-	*ALCOHOLS, CYCLOALIPHATIC, MONO- AND/OR POLYHYDRIC, SUBSTITUTED (UP TO C18)	9	BO/D1	R17	482/			Ex L9	+	+
12490	-	*ALDEHYDES (C4)	9	BO/D1	M23/R19	482/			Ex L9	+	
12493	-	*ALDEHYDES, ALIPHATIC, SATURATED (C1-C6)	9	Bx/Dx	M43	503/			Ex L9*		+
12520	-	*ALKADIENES	9	BO/D1	R17	351,482/			Ex L9	+	+
12548	-	*ALKENES (UP TO C16)	9	Bx/Dx	M43	503/			Ex L9*		+
12550	-	*n-ALKENES (UP TO C16)	9	BO/D1	R17	1828+/			Ex L9	+	+
12563	-	*N-ALKYL(C1-C6) AMIDES OF UNSATURATED ALIPHATIC MONO- AND POLYCARBOXYLIC ACIDS (C3-C18)	9	Bx/Dx	M43	503/			Ex L9*		+
12568	-	*ALKYL(C2-C18)DIETHOXY(METHYL)SILANE	9	Bx/Dx	M46						+
12571	68081-84-5	*ALKYL(C10-C16)-2,3-EPOXYPROPYL ETHERS	9	Bx/Dx	M45			QM = 5 mg/kg in fp (expressed as epoxy)			+
12573	68609-97-2	ALKYL(C12-C14)-2,3-EPOXYPROPYL ETHERS	D	Dx					Cov.by 12571		+
12576	-	*ALKYLPHENOLS	9	Bx	M43	503/1489c			Ex L9*		+
12578	-	*ALKYL(C1-C4)PHENOLS	9	Bx/Dx	M43	503/			Ex L9*		+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
12580	-	*p-ALKYL(C4-C9)PHENOLS	9	BO/D1	R17	482,783*/			MF,PF,UF	+	+
12610	00107-18-6	*ALLYL ALCOHOL	6A	BO/B1/B2 /B3	M48/M45 /R17	732*/1336* /		SML = 0.05 mg/kg		+	+
12625	28655-63-2	*ALLYL BIS(HYDROXYMETHYL)PHENYL ETHER	9	Bx/Dx	M48/M46	894/			S2(12650)		+
12640	00106-92-3	*ALLYL 2,3-EPOXYPROPYL ETHER	6A	BO/B1/D2	M48/M45 /R17	349,372,73 3*/		SML = 0.05 mg/kg		+	
12645	-	*ALLYL ETHERS OF MONOHYDRIC ALCOHOLS (C1-C18)	9	Bx/Dx	M48/M45	503/		SML = 0.05 mg/kg	Ex L9*		+
12648	-	*ALLYL ETHERS OF POLYHYDRIC ALCOHOLS (C2-C12)	9	Bx/Dx	M48/M45	503/		SML = 0.05 mg/kg	Ex L9*		+
12650	-	*ALLYL ETHERS OF MONO-, DI-, OR TRIMETHYLOLPHENOL	9	Bx/Dx	M48/M45			SML = 0.05 mg/kg	Ex L9*		+
12651	28655-62-1	*ALLYL (HYDROXYMETHYL)PHENYL ETHER	D	Dx		894/			S2(12650)/Same 12653		+
12653	28655-62-1	*2-(ALLYLOXY)BENZYL ALCOHOL	6A	Bx	M48/M45	894/		SML = 0.05 mg/kg			+
12657	01746-13-0	*ALLYL PHENYL ETHER	6A	Bx	M48/M45			SML = 0.05 mg/kg			+
12658	64051-40-7	*ALLYL TRIS(HYDROXYMETHYL)PHENYL ETHER	9	Bx/Dx	M48/M46	894/			S2(12650)		+
12660	68955-48-6	*AMIDES MADE FROM C18-UNSATURATED FATTY ACID DIMERS AND TRIETHYLENETETRAMINE	8	Dx	M43						+
12663	61788-46-3	*AMINES, COCO ALKYL	D	Dx	M43				Same 17239		+
12666	-	*N-AMINOALKYL(C2-C8)-N',N'-DIALKYL(C1-C4)-ACRYLAMIDE	9	Dx	M48/M44	503/		SML = 0.05 mg/kg	Ex L9*		+
12668	-	*N-AMINOALKYL(C2-C8)-N',N'-DIALKYL(C1-C4)METHACRYLAMIDE	9	Dx	M48/M44	503/		SML = 0.05 mg/kg	Ex L9*		+
12670	02855-13-2	1-AMINO-3-AMINOMETHYL-3,5,5-TRIMETHYLCYC LOHEXANE	2	BO/A1/A2	M45/R17	623,636*,9 21/	t-TDI: 0.1 mg/kg b.w. Available: 13-week oral rat study, 2 negative mutagenicity studies. (RIVM summary data, April 1991)(CS/PM/921). Needed: in-vitro chromosome aberration and gene mutation in mammalian cells.	SML = 6 mg/kg	PA/Same 19145	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	12700	00150-13-0	*4-AMINOBENZOIC ACID	7	B0/B1/B2 /B3	M50/M29 /R20	810*,1028/	Available: metabolic data in man, mutagenicity studies negative (IARC, 1978) and 28-day oral study. Needed: migration and full 28-day report.		PAR	+	+
	12730	00060-32-2	*6-AMINOCAPROIC ACID	8	B0/D1	R17	509/			PA	+	+
	12760	-	*omega-AMINOCARBOXYLIC ACIDS, ALIPHATIC, LINEAR (C6-C12)	9	B0/D1	R17	482,781*/			PA/Ex L9	+	+
+	12761	00693-57-2	12-AMINODODECANOIC ACID	3	Ax	M55/M54 /M43	1829+,2084 //2155,216 2//	R: 0.05 mg/kg of food. Mutagenicity tests are negative and migration is low (less than 50 ppb). (RIVM/TNO doc. CS/PM/2162).	SML= 0.05 mg/kg	Cov.by 12760		+
	12763	00141-43-5	*2-AMINOETHANOL	8	Bx	M43	1347*/					+
	12769	13531-52-7	*N-(2-AMINOETHYL) 1,3-DIAMINOPROPANE	8	Bx	M43	1001*/					+
	12771	00111-41-1	*N-(2-AMINOETHYL)ETHANOLAMINE	W-7	D	M55	1734,2056, 2070,2164 (Rivm)	Available: Mutagenicity tests, migration data inadequate. Needed: Validation of analytical methods, in vitro chromosomal aberration study in mammalian cells. (RIVM Doc. CS/PM/2164).		New subst.	+	
	12772	00140-31-8	*N-AMINOETHYLPIPERAZINE	8	Bx	M43	1002*,1679 /1747					+
	12775	00124-68-5	*2-AMINO-2-METHYL-1-PROPANOL	8	Dx	M43	503/					+
	12776	68298-05-5	*2-AMINO-2-METHYL-1-PROPANOL-p-TOLUENESU LPHONATE	8	Dx	M43						+
	12779	00123-30-8	*4-AMINOPHENOL	8	Bx	M44						+
	12781	38353-82-1	*1-[(3-AMINOPHENYL)AMINO]-3-PHENOXY-2-PR OPANOL	8	Dx	M43						+
	12782	68391-25-3	*1-[[4-[4(AMINOPHENYL)METHYL]PHENYL]AMIN O]-3-PHENOXY-2-PROPANOL	8	Dx	M43						+
	12784	00056-18-8	*N-(3-AMINOPROPYL)-1,3-DIAMINOPROPANE	8	Bx	M43	1003*/					+
	12788	02432-99-7	11-AMINOUNDECANOIC ACID	3	A1/A2*	M49/M42	482,503/10 55,1092/15 48	R: 5 mg/kg of foods. Available: 3-month oral mouse and rat study, 2-year oral mouse and rat studies, several in	SML = 5 mg/kg	S1(12760)	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								vitro and in vivo mutagenicity tests negative.				
+	12789	07664-41-7	AMMONIA	1	A3	MS7	2262//	ADI: not specified. (SCF, 25th Series, 1991).		New subst.	+	
	12790	00080-46-6	*p-tert-AMYLPHENOL	8	B0/B1/B2/B3	MS0/R17	734*/			MF,PF,UF	+	+
	12795	-	*ANHYDRIDES OF ACIDS, ALIPHATIC, MONOCARBOXYLIC (C2-C24)	D	Dx						+	
	12800	00062-53-3	*ANILINE	6A	Dx	M43			SML = 0.05 mg/kg			+
	12810	00506-30-9	ARACHIDIC ACID	0	Ax	M43	537/			S2(10596)/Same 35840		+
	12813	07771-44-0	ARACHIDONIC ACID	0	Ax	M43	537/			S2(10596)		+
	12820	00123-99-9	AZELAIC ACID	2	A0/A1/A2	R17		Group TDI: 3 mg/kg b.w. A subacute oral rat study and absence of mutagenicity in bacterial systems with azelaic acid and a subacute oral rat study with sebacic acid. (Arch. f. Exp. Path. u. Pharmak., 197, 1941, 587-610).			+	+
+	12850	29602-44-6	*AZELAIC ACID, BIS(2-HYDROXYETHYL) ESTER	8	B0/B1/B2/B3	MS4/M46/M25/R19	956,1089*, 2117//			PET/To be del.in 3rd amendm.	+	+
	12880	00123-98-8	*AZELAIC ACID DICHLORIDE	7	B0/D1	R17		Needed: hydrolysis and migration data. Pending these results necessity for further studies to be considered.			+	+
+	12910	01732-10-1	*AZELAIC ACID, DIMETHYL ESTER	6B	B0/B1/B2/B3+	MS4/M46/R17	786*,2117//	Group R : 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tp) = 3.0 mg/kg	PET/to be del.in 3rd amend.	+	+
	12940	04080-88-0	*AZELAIC ACID, DIPHENYL ESTER	8	B0/D1	MS3/M46/R17	956//			PET,UP	+	+
	12970	04196-95-6	AZELAIC ANHYDRIDE	2	B0/A1/A2	M45/R17	791*/	Group TDI: 3 mg/kg b.w. Included in the group TDI for azelaic acid.		PUR	+	+
	12980	08015-74-5	BEECHNUT OIL	3	Ax	MS2/M43	503//	Food fat.				+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
12983	-	*BEECHNUT OIL FATTY ACIDS, AND THEIR DIMERS	D	Dx	M52/M43	503//					+
12983/0		BEECHNUT OIL FATTY ACIDS (Food grade quality)	D	Dx	M52/M47	1079//			Ex L3		+
12983/1		BEECHNUT OIL FATTY ACIDS	3/D	Dx	M52/M47	1079//	Constituents of food fats.				+
12983/2		*BEECHNUT OIL FATTY ACIDS (food grade quality), DIMERS	D	Dx	M52/M47	1079//			Ex L8		+
12983/3		*BEECHNUT OIL FATTY ACIDS, DIMERS	8/D	Dx	M52/M47	1079//			L8/D as dimer of acid listed		+
12990	00112-85-6	BEHENIC ACID	0	Ax	M43	537/			S2(10596)/Same 37040		+
13000	01477-55-0	1,3-BENZENEDIMETHANAMINE	3	A0/A1/A2	M38/M36 /R20	188,199,26 6/	R: 0.05 mg/kg. Mutagenicity tests are negative and migration is very low (less than 5 ppb).	SML= 0.05 mg/kg	PA	+	+
13030	00539-48-0	*1,4-BENZENEDIMETHANAMINE	8	B0/D1	M28/R20				PA	+	+
13040	00089-05-4	*1,2,4,5-BENZENETETRACARBOXYLIC ACID		Bx				See "24055"			+
13050	00528-44-9	*1,2,4-BENZENETRICARBOXYLIC ACID		B0/B1/B2 /B3				See "*TRIMELLITIC ACID"	Same 25540	+	+
13060	04422-95-1	*1,3,5-BENZENETRICARBOXYLIC ACID TRICHLORIDE	8	B0/B1/B2 /B3	M48/R19	1096/			PA	+	+
13075	00091-76-9	*BENZOGUANAMINE		B0/B1/B2 /B3				See "*2,4-DIAMINO-6-PHENYL-1,3,5-TRIAZINE"	Same 15310	+	+
13090	00065-85-0	BENZOIC ACID	1	A0/A1/A2	M27/R19	243/	Group ADI: 5 mg/kg b.w. (JECFA 27 M., 1983).			+	+
13120	00769-78-8	*BENZOIC ACID, VINYL ESTER	7	B0/D1	M48/M45 /R17		Needed: hydrolysis data.	SML = 0.05 mg/kg	PO	+	+
13135	00119-53-9	*BENZOIN	8	Dx	M43						+
13140	01204-28-0	*BENZOYL CHLORIDE-3,4-DICARBOXYLIC ANHYDRIDE				503/		See 25552	Same 25552		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	13150	00100-51-6	BENZYL ALCOHOL	1	A0/A1/A2	R17		Group ADI: 5 mg/kg b.w. in the ADI for benzoic acid. (SCF, 11th Series, 1981).			+	+
	13170	-	*BICYCLOALKADIENES (C10-C16)	9	Bx/Dx	M43	503/			Ex L9*		+
	13177	00121-46-0	*BICYCLO[2.2.1]HEPTA-2,5-DIENE	6A	Bx	M45	550*/		SML = 0.05 mg/kg	S2(14855)/Same 22545		+
	13180	00498-66-8	*BICYCLO(2.2.1)HEPT-2-ENE	8	B0/D1	R17	509/			PO/Same 22550	+	+
	13183	?	*BICYCLO(2.2.1)HEPT-5-ENE-2,3-DICARBOXYLIC ACID, MONO-n-BUTYL ESTER	8	Dx	M43	503/					+
	13210	01761-71-3	*BIS(4-AMINOCYCLOHEXYL)METHANE	8	B0/B1/D2	R17	509,822*/			PA	+	+
	13240	03377-24-0	*2,2-BIS(4-AMINOCYCLOHEXYL)PROPANE	8	B0/D1	R17	509/			PA	+	+
	13245	02579-20-6	*1,3-BIS(AMINOMETHYL)CYCLOHEXANE	8	Dx	M43						+
	13250	00101-77-9	BIS(4-AMINOPHENYL)METHANE	4A	Ax	M57/M53 /M43	1877+,2009 //2175,232 6//	Considered as genotoxic carcinogen. Available: 2 oral carcinogenicity studies in rats and mice, positive Ames test (CS/PM/2009).	SML = ND (DL=0.010 MG/KG)			+
	13255	10563-26-5	*N,N'-BIS (3-AMINOPROPYL) ETHYLENEDIAMINE	8	Dx	M43						+
	13270	22287-56-5	*4,4'-BIS(4-CHLOROPHENYLSULPHONYL)BIPHENYL	W8	D	M44/M35			PES-PEEK/PEES-PEK		+	
	13290	00079-94-7	2,2-BIS(3,5-DIBROMO-4-HYDROXYPHENYL)PROPANE	5	D	M43						+
	13300	38050-97-4	*1,4-BIS(4',4''-DIHYDROXYTRIPHENYLMETHYL)BENZENE	8	B0/D1	R17				PC,UP	+	+
	13306	71074-89-0	*BIS[(DIMETHYLAMINO)METHYL]PHENOL	8	Dx	M43						+
	13308	05424-54-4	*2,4-BIS [(DIMETHYLAMINO)METHYL]PHENOL	8	Dx	M43						+
	13310	15827-34-6	*2,6-BIS [(DIMETHYLAMINO)METHYL]PHENOL	8	Dx	M43						+
	13313	02426-08-6	*BIS(2,3-EPOXYPROPYL) BUTYL ETHER	6A	Bx	M45			QM = 5 mg/kg in fp (expressed as epoxy)			+
	13316	21825-16-1	*BIS(4-ETHOXALYLAMINOPHENYL)METHANE	8	Bx	M43	503/1350*/					+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
13319	20178-33-0	*BIS(4-HYDROXYCYCLOHEXYL)METHANE	8	Dx	M43	503/					+
13321	00080-04-6	*2,2-BIS(4-HYDROXYCYCLOHEXYL)PROPANE	8	Bx	M43	503/1141*, 1177*/					+
13323	00102-40-9	*1,3-BIS(2-HYDROXYETHOXY)BENZENE	W8	D	M44/M43	516,849/	Data inadequate.		New subst.	+	
13325		*2,2-BIS(4-HYDROXY-5-ETHOXYPHENYL)PROPANE	8	Dx	M43	503/					+
13326	00111-46-6	BIS(2-HYDROXYETHYL) ETHER		A0/A1/A2				See "DIETHYLENEGLYCOL"	Same 15760	+	+
13328	00104-38-1	*BIS(2-HYDROXYETHYL) ETHER OF HYDROQUINONE	8	B1S/B2/B3	M42	482/1004*/			S1(13330)	+	+
13330	-	*BIS(2-HYDROXYETHYL)ETHER OF HYDROQUINONE AND ITS CONDENSATION PRODUCTS WITH PROPYLENE OXIDE	9	B0/D1	R17	482/			PUR/Ex L9	+	+
13360	01620-68-4	*2,6-BIS(2-HYDROXY-5-METHYLBENZYL)-4-METHYLPHENOL	7	B0/D1	R17		Needed: 90-day oral study, migration data.		PC	+	+
13380	00077-99-6	2,2-BIS(HYDROXYMETHYL)-1-BUTANOL		A0/A1/A2				See "1,1,1-TRIMETHYLOLPROPANE"	Same 25600	+	+
13390	00105-08-8	1,4-BIS(HYDROXYMETHYL)CYCLOHEXANE	3	A0/A1/A2	R17		A limited 36-day oral rat study showed no adverse effects at 50 mg/kg b.w./day. (Eastman Kodak report, April 1966).		Same 14880	+	+
13400	00077-40-7	*2,2-BIS(4-HYDROXYPHENYL)BUTANE	8	Bx	M44	503/					+
13405	83346-35-4	*3,3-BIS(4-HYDROXYPHENYL)BUTYRIC ACID	8	Dx	M43	503/					+
13420	00843-55-0	*1,1-BIS(4-HYDROXYPHENYL)CYCLOHEXANE	8	B0/D1	R17				PC	+	+
13450	00125-13-3	*3,3-BIS(4-HYDROXYPHENYL)-2-INDOLINONE	8	B0/D1	R17				PC	+	+
13455	02467-02-9	*BIS(2-HYDROXYPHENYL)METHANE	8	Bx	M43	1191*,1717*/			Studies ongoing.	+	+
13457	00620-92-8	*BIS(4-HYDROXYPHENYL)METHANE	8	Bx	M44	1830+				+	+
13460	54208-63-8	*BIS(2-HYDROXYPHENYL)METHANE BIS(2,3-EPOXYPROPYL) ETHER	6A	Bx	M45			QM = 5 mg/kg in fp (expressed as epoxy)			+
13465	00126-00-1	*4,4-BIS(HYDROXYPHENYL)PENTANOIC ACID	8	Dx	M43	503/			Same 16525		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	13480	00080-05-7	2,2-BIS(4-HYDROXYPHENYL)PROPANE	2	A0/A1/A2	R17		TDI: 0.05 mg/kg b.w. 90-day and long-term oral studies in mice and rats. (CIVO rep No. R 6229, November 1979).	SML= 3 mg/kg	Same 13607,39680	+	+
	13485	71033-08-4	*2,2-BIS(4-HYDROXYPHENYL)PROPANE BIS[3-BUTOXY-2-(2,3-EPOXYPROPOXY)PROPYL] ETHER	6A	Bx	M45			QM = 5 mg/kg in fp (expressed as epoxy)			+
	13510	01675-54-3	2,2-BIS(4-HYDROXYPHENYL)PROPANE BIS(2,3-EPOXYPROPYL) ETHER	4A	A0/A1/A2	M45/M36	10,847/	IARC only considers published data; several unpublished data exist showing the potential carcinogenicity of this substance.	QM=1 mg/kg in fp or SML=not detectable (DL=0.02 mg/kg analytical tolerance included)	Same 13610	+	+
	13515	00901-44-0	*2,2-BIS(4-HYDROXYPHENYL)PROPANE BIS(2-HYDROXYETHYL)ETHER	8	Dx	M43	503/					+
	13520	00116-37-0	*2,2-BIS(4-HYDROXYPHENYL)PROPANE BIS(2-HYDROXYPROPYL)ETHER	8-P	Bx	M43	503/1252*/ 2236 (mM)(RIVM-TNO)					+
	13530	38103-06-9	2,2-BIS(4-HYDROXYPHENYL)PROPANE, BIS(PHTHALIC ANHYDRIDE)	3	A1/A2	M43	525,576/	R: 0.05 mg/kg of food. 1 month oral rat study, 3 mutagenicity tests and migration data. (Rivm doc. 90/678908/010).	SML = 0.05 mg/kg	New subst/Same 13614	+	
	13540	02444-90-8	*2,2-BIS(4-HYDROXYPHENYL)PROPANE, DISODIUM SALT	D	Dx	M35				PES/Cov.by 13480	+	+
+	13545	129188-99-4	*1,1-BIS(4-HYDROXYPHENYL)-3,5,5-TRIMETHYLCYCLOHEXANE	P	P		2254 (mM)(RIVM-TNO)			New subst	+	
	13550	00110-98-5	BIS(HYDROXYPROPYL) ETHER		A0/A1/A2				See "DIPROPYLENEGLYCOL"	Same 16660	+	+
	13560	05124-30-1	BIS(4-ISOCYANATOCYCLOHEXYL)METHANE		A0/A1/A2				See "DICYCLOHEXYLMETHANE-4,4'-DIISOCYANATE"	Same 15700	+	+
	13570	00141-07-1	*1,3-BIS(METHOXYMETHYL)UREA	8	B0/D1	R17				PA,UF	+	+
	13600	47465-97-4	3,3-BIS(3-METHYL-4-HYDROXYPHENYL)-2-INDOLINONE	2	A0/A1/A2	R17		TDI: 0.03 mg/kg b.w. A 90-day oral rat study. (Bayer Bericht Nr. 8086, January 3, 1979).	SML= 1.8 mg/kg	PC	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	13607	00080-05-7	BISPHENOL A		A0/A1/A2				See "2,2-BIS(4-HYDROXYPHENYL)PROPANE"	Same 13480	+	+
	13610	01675-54-3	BISPHENOL A BIS(2,3-EPOXYPROPYL) ETHER		A0/A1/A2				See "2,2-BIS(4-HYDROXYPHENYL)PROPANE BIS(2,3-EPOXYPROPYL)ETHER"	Same 13510	+	
	13614	38103-06-9	BISPHENOL-A-BIS(PHTHALIC ANHYDRIDE)		A1/A2				See 13530	Same 13530	+	
	13617	00080-09-1	*BISPHENOL S		B0/B1/B2/B3				See "*4,4'-DIHYDROXYDIPHENYL SULPHONE"	Same 16090	+	+
	13620	10043-35-3	BORIC ACID	2	Ax	M43		Group TDI : 0.2 mg/kg b.w. (as B). Several short term, 90-day and 2-year oral rat studies, 38-week and 2-year oral dog studies and a 3 generation oral rat study. A two year oral mouse carcinogenicity study. (Toxicol. Appl. Pharmacol. 1972, 23, 351-364, NTP report TR 324, 26 March 1986).	SML(T3) = 12 mg/kg (as B)	Same 40320		+
	13630	00106-99-0	BUTADIENE	4A	A0/A1/A2	R17		Suspected of having carcinogenic potential (NTP report 83-071, NIH publ. n. 84-2544, 1983).	QM= 1 mg/kg in fp or SML=not detectable(DL=0.02 mg/kg, analytical tolerance included)		+	+
	13660	00584-03-2	*1,2-BUTANEDIOL	8	B0/B1/B2/B3	M50/M40/R17	352/735*/				+	+
	13690	00107-88-0	1,3-BUTANEDIOL	1	A0/A1/A2	R17		ADI: 4 mg/kg b.w. (JECFA 23 M., 1979).			+	+
	13720	00110-63-4	*1,4-BUTANEDIOL	8	B0/B1/B2/B3	M50/M40/R17	1831+,2275				+	+
	13750	00513-85-9	*2,3-BUTANEDIOL	8	B0/B1/B2/B3	M50/R17	736*/				+	+
	13765	07300-34-7	*1,4-BUTANEDIOL BIS(3-AMINOPROPYL) ETHER	8	Dx	M43						+
	13780	02425-79-8	*1,4-BUTANEDIOL BIS(2,3-EPOXYPROPYL) ETHER	6A-P	B0/B1/B2/B3	M45/R17	349,372,793*/2181,2284(mM)(RIVM-TNO		QM(T) = 5 mg/kg in fp (expressed as epoxy)	POM	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	13810	00505-65-7	*1,4-BUTANEDIOL FORMAL	8	B0/B1/B2/B3	R17	509,694*,1277/			POM/Same 21821	+	+
	13840	00071-36-3	1-BUTANOL	3	A0/A1/A2	M36/R17		See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C22)" (PM/REF.N. 12375) in SCF list 3.			+	+
	13842	00078-92-2	*2-BUTANOL	8	Bx	M43	537/1063/			S2(12365)		+
	13845	00075-65-0	tert-BUTANOL	3	Ax	M51/M49/M43	537/	Residue in food less than 10 mg/kg. (EHC,65).		S2(12365)		+
	13870	00106-98-9	1-BUTENE	3	A0/A1/A2	R17		Residues of this gas in plastics are very small. The gas has low toxic potential. Migration into food will be toxicologically negligible. (Patty's Industrial Hygiene and Toxicology, 3rd ed. 1981).			+	+
	13900	00107-01-7	2-BUTENE	3	A0/A1/A2	R17		Residues of this gas in plastics are very small. The gas has low toxic potential. Migration into food will be toxicologically negligible. (Patty's Industrial Hygiene and Toxicology, 3rd ed. 1981).			+	+
	13903	00590-18-1	*cis-2-BUTENE	8	Dx	M43	503/			Cov.by 13900		+
	13906	00624-64-6	*trans-2-BUTENE	8	Dx	M43	503/					+
	13915	00110-64-5	*2-BUTEN-1,4-DIOL	8	Bx	M43	503/1142,1177*/					+
	13930	06117-91-5	*2-BUTEN-1-OL	8	B0/D1	R17					+	+
	13932	00598-32-3	*3-BUTEN-2-OL	6A	B1S/B2/B3	M48/M45/M42	482/859*,1294/		SML = 0.05 mg/kg	S1(12400)/Same 40610	+	+
	13960	01852-16-0	*N-(BUTOXYMETHYL)ACRYLAMIDE	6A	B0/B1/B2/B3	M48/M44/R17	509,809*/1253*/		SML = 0.05 mg/kg	PAM	+	+
	13990	05153-77-5	*N-(BUTOXYMETHYL)METHACRYLAMIDE	6A	B0/D1	M48/M44/R17	509/		SML = 0.05 mg/kg	PAM	+	+
	13996		*N-BUTYLACRYLAMIDE	6A	BxS	M48/M44	537/		SML = 0.05 mg/kg	S2(12563)		+
	13998	00107-58-4	*N-tert-BUTYLACRYLAMIDE	6A	BxS	M48/M44	537/		SML = 0.05 mg/kg	S2(12563)		+
	14001	01320-16-7	*tert-BUTYLBENZOIC ACID	8	Bx	M43	503/1177*,					+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							1143*/					
	14002	00098-73-7	*p-tert-BUTYLBENZOIC ACID	7	Bx	M44	503/	Available: some data at RIVM. Needed: migration and mutagenicity studies.				+
	14005	00098-29-3	*4-tert-BUTYLCATECHOL	8	Dx	M43				Same 40640		+
	14008	00098-52-2	*4-tert-BUTYLCYCLOHEXANOL	8	B1S/D2	M42	482/			S1(12460)	+	+
	14010	17540-75-9	*4-sec-BUTYL-2,6-DI-tert-BUTYLPHENOL	8	Dx	M43	537/			S2(12576)		+
	14013	00115-84-4	*2-BUTYL-2-ETHYL-1,3-PROPANEDIOL	8	Dx	M43	503/			Cov.by 12430		+
	14016	00089-72-5	*2-sec-BUTYLPHENOL	8	Dx	M43	537/			S2(12576)		+
	14018	00099-71-8	*4-sec-BUTYLPHENOL	8	Dx	M43	537/			S2(12576)		+
+	14020	00098-54-4	*4-tert-BUTYLPHENOL	7	BO/B1/B2 /B3	M57/M53 /M50/R1 7	705*/1706, 2037//2217 //	Available: 3 negative mutagenicity tests and migration data (RIVM, Feb. 1994). Needed: Data on usage, maximum percentage in formulation, maximum contact temperature in practice, IR/NMR spectra or data on purity/impurities.			+	+
	14035	01746-23-2	*4-tert-BUTYLSTYRENE	6A	B1S/D2	M48/M45 /M42	482/		SML = 0.05 mg/kg	S1(24670)	+	
	14050	00111-34-2	*BUTYL VINYL ETHER	7	BO/D1	M48/M45 /R17	509,933/	Needed: hydrolysis data.	SML = 0.05 mg/kg	PVC,PVE	+	+
	14080	00926-02-3	*tert-BUTYL VINYL ETHER	7	BO/D1	M48/M45 /R17	509,933/	Needed: provided hydrolysis can be demonstrated, data on tert-butanol are requested.	SML = 0.05 mg/kg	PVC,PVE	+	+
	14095	00503-17-3	*2-BUTYNE	8	Bx	M45	351,503/				+	+
	14110	00123-72-8	BUTYRALDEHYDE	3	AO/A1/A2	R17		Occurs naturally in food. Used as flavour in food at 0.1-10 mg/kg. Migration into food would be self-limiting because of its taste.			+	+
	14140	00107-92-6	BUTYRIC ACID	0	AO/A1/A2	R17					+	+
	14170	00106-31-0	BUTYRIC ANHYDRIDE	3	AO/A1/A2	M45/M23 /R19		Hydrolyses to corresponding acid.			+	
	14185	08015-80-3	*CANDLENUT OIL	8	Bx	M43/M52	503//					+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	14188	-	*CANDLENUT OIL FATTY ACIDS AND THEIR DIMERS	D	Dx	M52/M43	503//					+
	14188/0		CANDLENUT OIL FATTY ACIDS (food grade quality)	D	Dx	M52/M47	1079//	Constituents of food fats.				+
	14188/1		*CANDLENUT OIL FATTY ACIDS	8/D	D	M52/M47	1079//					+
	14188/2		*CANDLENUT OIL FATTY ACIDS (food grade quality), DIMERS	D	Dx	M52/M47	1079//					+
	14188/3		*CANDLENUT OIL FATTY ACIDS, DIMERS	8/D	Dx	M52/M47	1079//			D as dimer of acid listed		+
	14200	00105-60-2	CAPROLACTAM	2	AO/A1/A2	R17		Group TDI: 0.25 mg/kg b.w. Two 90-day oral rat studies and 90-day oral studies in mice and dogs. (CIVO report 3489 June 1971 and NTP Tech. Rep. Ser. 214, NTP 80-26).	SML(T2)= 15 mg/kg	MF,PA,PUR/Y,Z	+	+
	14230	02123-24-2	CAPROLACTAM, SODIUM SALT	2	AO/A1/A2	R17		Group TDI: 0.25 mg/kg b.w. See references for caprolactam.	SML(T2)= 15 mg/kg	MF,PA,PUR (as AD)/Y,Z	+	+
	14260	00502-44-3	*CAPROLACTONE	8	BO/B1/B2/B3	M50/R17	1832+/	Data on migration are inadequate.		PCLO,PUR,PVC/Same 41880	+	+
	14290	-	*CAPROLACTONE, SUBSTITUTED	9	BO/D1	M23/R19	482/			Ex L9	+	+
	14320	00124-07-2	CAPRYLIC ACID	0	AO/A1/A2	R17				Same 41960	+	+
	14330	00592-35-8	*CARBAMIC ACID, BUTYL ESTER	8	Dx	M43	503/1349*/					+
	14340	00124-38-9	CARBON DIOXIDE	1	Ax	M43		ADI not specified. (JECFA 23rd M., 1980).		Same 42160		+
	14350	00630-08-0	CARBON MONOXIDE	3	AO/A1/A2	M29/R20		Low migration.		PE	+	+
	14380	00075-44-5	CARBONYL CHLORIDE	4A	AO/A1/A2	R17		Residues of this gas in plastics will be very small. It is readily hydrolysed to CO2 and HCl. Has a strong odour. Migration into food would therefore be self-limiting.	QM= 1 mg/kg in FP	PC/Same 23155	+	+
	14390	-	CARDURA		Dx				See "TRIALKYL (C5-C15) ACETIC ACID, 2,3-EPOXYPROPYL ESTER"	Same 25360	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
+	14410	08001-79-4	CASTOR OIL (food grade quality)	3	A0/A1/A2 /D3A	M52/M40 /R17		Food fat.		Del. because replaced by 14411/Spec(I) changed	+	+
+	14411	08001-79-4	CASTOR OIL	3	A3	M52/M40 /R17				Ex 14410	+	+
+	14440	64147-40-6	CASTOR OIL, DEHYDRATED	3	B0/D1	M52/R17	482//	Similar to food fats.		PUR	+	+
	14441	64147-40-6	CASTOR OIL, DEHYDRATED (Food grade quality)	D	Dx	M52/M43	482//				+	+
	14445	-	CASTOR OIL FATTY ACIDS	3/D	Dx	M52/M43	503/1220//	Constituents of food fats.		D as single acids are listed		+
	14446	-	CASTOR OIL FATTY ACIDS (Food grade quality)	D	Dx	M52/M43				Z/ex L3		+
	14450		CASTOR OIL FATTY ACIDS, DEHYDRATED, AND THEIR DIMERS	D	Dx	M52/M43	537/1220//			S2(10596)(10598)/Mixt/		+
	14450/ 0		CASTOR OIL FATTY ACIDS, DEHYDRATED (Food grade quality)	D	Dx	M52/M51 /M47	1079//					+
	14450/ 1		CASTOR OIL FATTY ACIDS, DEHYDRATED.	3	Ax	M52/M47	1079//	Identical with or similar to constituents of food fats.		Mixt/		+
	14450/ 2		*CASTOR OIL FATTY ACIDS (food grade quality), DEHYDRATED, DIMERS	D	Dx	M52/M47	1079//					+
	14450/ 3		*CASTOR OIL FATTY ACIDS, DEHYDRATED, DIMERS	8	Bx	M52/M47	1079//					+
	14451	-	*CASTOR OIL FATTY ACIDS, DIMERS	8/D	Dx	M52/M43	1220//			Mixt/D as dimers of single acid listed		+
	14453	61790-39-4	CASTOR OIL FATTY ACIDS, HYDROGENATED	3	Ax	M52/M43	537/1220//	Identical with or similar to constituents of food fats.		S2(10596)/Mixt		+
	14453/ 1	-	*CASTOR OIL FATTY ACIDS, PARTIALLY HYDROGENATED	D	Dx	M52	1732//			SCF split		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
+	14470	08001-78-3	CASTOR OIL, HYDROGENATED	3	B0/D1	M52/R17	482//	Similar to food fats.		PUR/	+	+
	14500	09004-34-6	CELLULOSE	0	A0/A1/A2	R17				Same 43280	+	+
	14505	09004-35-7	CELLULOSE ACETATE	3	Ax	M50,M43	503/1031/1128,1356*/	Inert material, modified natural cellulose.				+
	14508	09004-36-8	CELLULOSE ACETATE BUTYRATE	3	Ax	M50/M44/M43	503/1031/1454/	Inert material, modified natural cellulose.		Same 43300		+
	14512	09004-39-1	CELLULOSE ACETATE PROPIONATE	3	Ax	M50/M43	503/1031,1455/	Inert material, modified natural cellulose.				+
	14515	09004-48-2	*CELLULOSE PROPIONATE	8	Dx	M43	503/			Spec(U)!		+
	14520	08001-20-5	*CHINAWOOD OIL	8	Bx	M43/M52	503/1220//			Cov.by 16713		+
	14523	-	*CHINAWOOD OIL FATTY ACIDS, AND THEIR DIMERS	D	Dx	M52/M43	503/1220//					+
	14523/0		CHINAWOOD OIL FATTY ACIDS (Food grade quality)	D	Dx	M52/M47	1079//					+
	14523/1		*CHINAWOOD OIL FATTY ACIDS	8/D	Dx	M53/M47	1079//					+
	14523/2		*CHINAWOOD OIL FATTY ACIDS (food grade quality), DIMERS	D	Dx	M52/M47	1079//					+
	14523/3		*CHINAWOOD OIL FATTY ACIDS, DIMERS	8/D	Dx	M52/M47	1079//			D as dimers of single acid listed		+
	14527	00115-28-6	CHLORENDIC ACID						See "HEXACHLOROENDOMETHYLENE TETRAHYDROPHTHALIC ACID"	Same 18250	+	
	14530	07782-50-5	CHLORINE	3	A0/A1/A2	R17		Residues of this gas in plastics will be very small. Migration into food would be self-limiting because of odour.			+	+
	14545	-	*CHLOROBUTADIENE	6A	Dx	M43	503/		SML = 0.05 mg/kg			+
	14560	00126-99-8	*2-CHLORO-1.3-BUTADIENE	6A	B0/B1*/D2	M48/M40/R17	864*/	All data considered show that chloroprene is hepatotoxic, teratogenic, mutagenic and causes chromosomal abnormalities in exposed workers. It	SML = 0.05 mg/kg		+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							affects testicular function in man and animals.				
14570	00106-89-8	1-CHLORO-2.3-EPOXYPROPANE		A0/A1/A2				See "EPICHLOROHYDRIN"	Same 16750	+	
14585	00110-75-8	*CHLOROETHYL VINYL ETHER	6A	Bx	M48/M45	503/		SML = 0.05 mg/kg			+
14587	01204-28-0	*4-(CHLOROFORMYL)PHTHALIC ANHYDRIDE	8	Bx	M43	503,1015*/			Same as 13140,25552		+
14590	00615-67-8	*CHLOROHYDROQUINONE	8	B0/D1	M29/R20	44			PAR	+	
14620	57981-99-4	*CHLOROHYDROQUINONE DIACETATE	8	B0/D1	M29/R20	509/			PAR	+	
14623	07402-67-7	*4-CHLORO-4'-HYDROXYDIPHENYLSULPHONE	8	Bx		503/1016*/					+
14650	00079-38-9	*CHLOROTRIFLUOROETHYLENE	6A	B0/B1/D2	M13	349,372/882*//2110		QM = 5 mg/kg in fp	PCTFE,PVDC	+	+
14670	00498-23-7	*CITRACONIC ACID	8	Dx	M43	537/			S2(10330)(10576)		+
14680	00077-92-9	CITRIC ACID	1	A0/A1/A2	R17		Group ADI: not specified for citric acid and its salts. (SCF, 25th Series, 1990).			+	+
14685	08001-31-8	COCONUT OIL	3	Ax	M52/M43	503/1220//	Food fat.				+
14686	08001-31-8	COCONUT OIL (Food grade quality)	D	Dx	M52/M43	503//			D		+
14687	08050-09-7	COLOPHONY						See "ROSIN"	Same 24100	+	+
14688	09000-14-0	*COPAL	9	Bx/Dx	M43	503/					+
14690	-	*COPAL, ESTERS WITH ALCOHOLS, POLYHYDRIC, C3-C6	9	Bx/Dx	M43	503/			Ex L9*		+
14693	08001-30-7	CORN OIL	3	Ax	M52/M43	503//	Food fat.				+
14694	08001-30-7	CORN OIL (Food grade quality)	D	Dx	M52/M43						+
14695	-	*CORN OIL FATTY ACIDS, AND THEIR DIMERS	D	Dx	M52/M43	503//					+
14695/0		CORN OIL FATTY ACIDS (Food grade quality)	D	Dx	M52/M47	1079//					+
14695/1		CORN OIL FATTY ACIDS	3/D	Dx	M52/M47	1079//	Constituents of food fats.				+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
14695/2		*CORN OIL FATTY ACIDS (food grade quality), DIMERS	D	Dx	M52/M47	1079//					+
14695/3		*CORN OIL FATTY ACIDS, DIMERS	8-/	Dx	M52/M47	1079//			D as dimers of single acids listed.		+
14696	-	CORN OIL FATTY ACIDS, AND THEIR DIMERS (Food grade quality)	D	Dx	M52/M47 /M43	960//			Same 14695		+
14698	8001-29-4	COTTONSEED OIL	3	Ax	M52/M43	503/1220//	Food fat.				+
14699	8001-29-4	COTTONSEED OIL (Food grade quality)	D	Dx	M52/M43						+
14700	-	*COTTONSEED OIL FATTY ACIDS, AND THEIR DIMERS	D	Dx	M52/M43	503/1220//					+
14700/0		COTTONSEED OIL FATTY ACIDS (Food grade quality)	D	Dx	M52/M47	1079//					+
14700/1		COTTONSEED OIL FATTY ACIDS	3/D	Dx	M52/M47	1079//	Constituents of food fats.				+
14700/2		*COTTONSEED OIL FATTY ACIDS (food grade quality), DIMERS	D	Dx	M52/M47	1079//					+
14700/3		*COTTONSEED OIL FATTY ACIDS, DIMERS	8/D	Dx	M52/M47	1079//			D as dimer of single acid listed		+
14701	-	COTTONSEED OIL FATTY ACIDS, AND THEIR DIMERS (Food grade quality).	D	Dx	M52/M47 /M43	960//			Same 14700		+
14705	00271-89-6	*COUMARONE	6A	Bx	M44	503/		SML = 0.05 mg/kg			+
14710	00108-39-4	m-CRESOL	3	A0/A1/A2	R17		28-day oral rat study showed no adverse effects at 25 mg/kg b.w./day. (Shell Report, April 1978).			+	+
14740	00095-48-7	o-CRESOL	3	A0/A1/A2	R17		28-day oral rat study showed no adverse effects at 12 mg/kg b.w./day. (Shell Report, April 1978).			+	+
14770	00106-44-5	p-CRESOL	3	A0/A1/A2	R17		28-day oral rat study showed no adverse effect at 25 mg/kg b.w./day. (Shell Report, April 1978).			+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	14800	03724-65-0	*CROTONIC ACID	6A	B0/B1*/B2/B3	M48/M45/R17	737*/	Needed: 90-day oral study, mutagenicity studies and migration data. (SCF, 17th Series, 1986).	SML = 0.05 mg/kg	Same 45600	+	+
	14815	20474-93-5	*CROTONIC ACID, ALLYL ESTER	6A	Bx	M48/M45	503/		SML = 0.05 mg/kg			+
	14830	-	*CROTONIC ACID, ESTERS WITH ALCOHOLS, MONO- AND POLYHYDRIC	9	B0/D1	R17	482/			Ex L9	+	+
	14833	00623-43-8	*CROTONIC ACID, METHYL ESTER	8	B1S/D2	M42	482/			S1(14830)	+	+
	14836	14861-06-4	*CROTONIC ACID, VINYL ESTER	7	Bx	M48/M46	503,933/	Needed: provided hydrolysis can be demonstrated, data on crotonic acid are requested.	SML = 0.05 mg/kg	Cov.by 10420		+
	14839	00623-68-7	*CROTONIC ANHYDRIDE	6A	Bx	M48/M45/R17	738*/	Needed: information on crotonic acid.	SML = 0.05 mg/kg (expressed as crotonic acid)	Add in 3 amend if data available	+	
+	14841	00599-64-4	*4-CUMYLPHENOL	W			2208 (mM)(RIVM*-TNO)			New subst/Mon	+	
	14842	00504-66-5	*CYANOCYANAMIDE	8	Bx	M45						+
	14845	68426-02-8	*N-CYANOETHYL-2,2,4-TRIMETHYLHEXAMETHYLENEDIAMINE	8	Bx	M43	1225*/					+
	14847	68426-03-9	*N-CYANOETHYL-2,4,4-TRIMETHYLHEXAMETHYLENEDIAMINE	8	Bx	M43	1225*/					+
	14850	00108-80-5	*CYANURIC ACID	8	Bx	M44		Existing data should be provided to SCF.				+
	14855	-	*CYCLOALKADIENES (C5-C8)	9	Bx/Dx	M43	503/			Ex L9*		+
	14860	-	*CYCLOALKENES	9	B0/D1	R17	351,482/			PO	+	+
	14865	29996-45-0	*CYCLODODECANEDIOL	9	Bx/Dx	M43	503/			Cov.		+
	14875	01687-30-5	*1,2-CYCLOHEXANEDICARBOXYLIC ACID				503/		See "HEXAHYDROPHTHALIC ACID"	Same 18436	+	+
+	14877	02556-36-7	1,4-CYCLOHEXANEDIISOCYANATE	4A	Ax	M57	2218//		QM(T1) = 1 mg/kg in FP (as NCO)			+
	14880	00105-08-8	1,4-CYCLOHEXANEDIMETHANOL		A0/A1/A2	M36		Deleted because same as 13390.	See "1,4-BIS(HYDROXYMETHYL)C	Same 13390	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
									YCLOHEXANE"			
	14890	00556-48-9	*1,4-CYCLOHEXANEDIOL	8	Dx	M43	503/			Cov.by 12430		+
	14895	-	*CYCLOHEXANETETRACARBOXYLIC ACID	9	Bx/Dx	M43	503/			Cov.by 10576		+
	14900	-	*CYCLOHEXANETETRACARBOXYLIC ACID, METHYL ESTERS	9	Bx/Dx	M43				Ex L9*		+
	14905	00108-93-0	*CYCLOHEXANOL	8	Dx	M43	352,537/			S2(12365)/Same in AD list		+
	14910	00108-94-1	*CYCLOHEXANONE	6A	Bx	M49/M44	503/1045/1546/	Needed: adequate test for gene mutation and chromosomal aberration. (IARC (1989), 47, 151-169).	SML = 0.05 mg/kg			+
	14915	-	*CYCLOHEXENE DERIVATIVES	9	Bx/Dx	M43	503/			Ex L9*		+
	14917	-	*CYCLOHEXENE DERIVATIVES, EPOXIDIZED	9	Bx/Dx	M45	503/		QM = 5 mg/kg in fp (expressed as epoxy)	Ex L9*		+
	14920	02842-38-8	*2-(CYCLOHEXYLAMINO)ETHANOL	8	BO/D1	R17				PAM	+	+
	14935	03312-60-5	*N-CYCLOHEXYL-1,3-DIAMINOPROPANE	8	Dx	M43						+
	14950	03173-53-3	CYCLOHEXYL ISOCYANATE	4A	AO/A1/A2+	R17		See references for 3,3'-dimethyl-4,4'-diisocyanatobiphenyl.	QM(T1)= 1 mg/kg in FP (as NCO)	PA	+	+
	14980	01631-25-0	*N-CYCLOHEXYLMALEIMIDE	6A	BO/B1*/D2	R17	572/699*/		SML = 0.05 mg/kg	PVC,UP	+	+
	15010	01131-60-8	*p-CYCLOHEXYLPHENOL	8	BO/D1	R17	1144*,1177*/			MF,PF,UF	+	+
	15020	02182-55-0	*CYCLOHEXYL VINYL ETHER	7	B1S/B2/B3	M48/M45/M42	482,933/	Needed: provided hydrolysis can be demonstrated, data on cyclohexanol are requested.	SML = 0.05 mg/kg	S1(26080)	+	+
	15027	00111-78-4	*1,5-CYCLOOCTADIENE	6A	Bx	M45	550*/Rivm*	Insufficient mutagenicity studies available.	SML = 0.05 mg/kg	S2(14855)		+
	15030	00931-88-4	*CYCLOOCTENE	8-P	B1S/D2	M42	482/2213 (mM90)RIVM *-TNO)			S1(14860)	+	+
	15040	00542-92-7	*1,3-CYCLOPENTADIENE	8	BO/D1	R17	509/			PO	+	+
	15050	03724-52-5	*CYCLOPENTANETETRACARBOXYLIC ACID	8	Dx	M43	503/			Cov.by 10576		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	15055	-	*CYCLOPENTANETETRACARBOXYLIC ACID, METHYL ESTERS	9	Bx/Dx	M43	503/			Cov.by 10578		+
	15060	00142-29-0	*CYCLOPENTENE	8	B1S/D2	M42	482/			S1(14860)	+	+
	15065	09000-16-2	DAMAR	3	Ax	M43	503/	Natural wax. Purity to be specified.		Same 45920		+
+	15070	01647-16-1	1,9-DECADIENE	3	B0/B1/B2 /B3A	M57/M48 /R17	2180+//222 1	R: 0.05 mg/kg of food. 5 negative mutagenicity tests, 28-day oral study, bioaccumulation. (CS/PM/2221).	SML = 0.050 mg/kg	PO	+	+
	15090	00112-47-0	*1,10-DECANEDIOL	8	Dx	M43	537/			S2(12430)		+
	15095	00334-48-5	n-DECANOIC ACID	0	B1/A2	M48/M42	482/1174//	Food constituent.		S1(10480,10600) /Same 45940	+	+
	15100	00112-30-1	1-DECANOL	3	A0/A1/A2	M36/R19		See references for "Alcohols aliphatic,monohydric, saturated, linear, primary (C4-C22)" (PM/REF.N 12375) in SCF list 3.			+	+
	15130	00872-05-9	*1-DECENE	8	B0/B1/B2 /B3	M44/R17	1160+/	Data inadequate.			+	+
	15160	00765-05-9	*DECYL VINYL ETHER	7	B0/D1	M48/M45 /R17	933/	Needed: hydrolysis data.	SML = 0.05 mg/kg	PVC,PVE	+	+
	15190	-	*DIAMINES, ALIPHATIC, LINEAR (C2-C12)	9	B0/D1	R17	482/			Ex L9	+	+
	15220	00088-63-1	*2,4-DIAMINOBENZENESULPHONIC ACID	W	D	M36	191,209/		PA		+	
	15250	00110-60-1	1,4-DIAMINOBUTANE	2	B0/A1/A2	M40/R17	353/	TDI: 0.6 mg/kg b.w. 28- and 90-day oral rat studies, mutagenicity tests. (RIVM report 88/6788097003, 03-05-1988).			+	+
	15255	00694-83-7	*1,2-DIAMINOCYCLOHEXANE	8	Bx	M43	1225*/					+
	15260	00646-25-3	*1,10-DIAMINODECANE	8	B1S/D2	M42	482/			S1(15190)	+	+
	15265	01208-52-2	*2,4'-DIAMINODIPHENYLMETHANE	8	Dx	M43						+
	15270	02783-17-7	*1,12-DIAMINODODECANE	8	B1S/D2	M42	482/			S1(15190)	+	+
	15272	00107-15-3	1,2-DIAMINOETHANE		A0/A1/A2				See "ETHYLENEDIAMINE"	Same 16960	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	15274	00124-09-4	1,6-DIAMINOHEXANE		AO/A1/A2				See "HEXAMETHYLENEDIAMINE"	Same 18460	+	+
	15275	38668-46-1	*2,4-DIAMINO-6-[2-(2-METHYL-1-IMIDAZOLYL)ETHYL]-1,3,5-TRIAZINE	8	Dx	M43						+
	15280	00542-02-9	*2,4-DIAMINO-6-METHYL-1,3,5-TRIAZINE	8	BO/B1/B2/B3	M48/M44/R17	627/1145/	Data inadequate.		MF,PF,UF/Same 10155	+	+
	15295	00373-44-4	*1,8-DIAMINOOCTANE	8	B1S/D2	M42	482/			S1(15190)	+	+
	15310	00091-76-9	*2,4-DIAMINO-6-PHENYL-1,3,5-TRIAZINE	8-P	BO/B1/B2/B3	M48/M44/R17	1811+,2357 (F)(RIVM)	Data old and inadequate.		MF,PF,UF/Same 13075	+	+
	15340	00109-76-2	*1,3-DIAMINOPROPANE	8	BO/B1/B2/B3	M50/R17	739*/				+	+
+	15355	25513-64-8	*DIAMINOTRIMETHYLHEXANE	W	P		2215 (F)(RIVM)			New subst./See 15370 and 15400	+	
	15370	03236-53-1	*1,6-DIAMINO-2,2,4-TRIMETHYLHEXANE	8-P	BO/B1/B2/B3	R17	1833+/(ImM 90)(RIVM*-TNO)			PA	+	+
	15400	03236-54-2	*1,6-DIAMINO-2,4,4-TRIMETHYLHEXANE	8-P	BO/B1/B2/B3	R17	1812+/(RIVM*)			PA	+	+
	15403	00120-95-6	*2,4-DI-tert-AMYLPHENOL						See "16515"			+
	15406		*N,N-DIBUTYLACRYLAMIDE	6A	BxS	M48/M44	537/		SML = 0.05 mg/kg	S2(12563)		+
	15409	?	*3,5-DIBUTYLPHENOL	8	Dx	M43	503/			Cov.by 12576		+
	15412	31291-60-8	*DI-sec-BUTYLPHENOL	8	Dx	M43	537/			S2(12576)		+
	15414	00096-76-4	*2,4-DI-tert-BUTYLPHENOL	8	Bx	M43	537/1501*/			S2(12576)		+
	15416	05875-45-6	*2,5-DI-tert-BUTYLPHENOL	8	Dx	M43	537/			S2(12576)		+
	15418	00128-39-2	*2,6-DI-tert-BUTYLPHENOL	8	Dx	M43	537/			S2(12576)		+
	15420	01138-52-9	*3,5-DI-tert-BUTYLPHENOL	8	Dx	M43	537/			S2(12576)		+
	15430	03749-77-7	*4,4'-DICARBOXYDIPHENOXYBUTANE	8	BO/D1	M29/R20				PAR	+	
	15460	03753-05-7	*4,4'-DICARBOXYDIPHENOXYETHANE	8	BO/D1	M29/R20				PAR	+	

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
15490	02215-89-6	*4,4'-DICARBOXYDIPHENYL ETHER	8	BO/B1/B2 /B3	M29/R20	509/908*/			PAR	+	+
15520	04919-48-6	*4,4'-DICARBOXYDIPHENYL SULPHIDE	8	BO/D1	M30/R20				PAR	+	
15550	02449-35-6	*4,4'-DICARBOXYDIPHENYL SULPHONE	8	BO/D1	M29/R20				PAR	+	
15565	00106-46-7	1,4-DICHLOROBENZENE	2	A2	M45	343,503,93 6/1046,157 9/	TDI : 0.2 mg/kg bw. A 4-week oral rat study, 3 and 6 month oral rat and mouse studies, teratogenicity study, mutagenicity studies not showing genotoxicity. Oral carcinogenicity studies in mice and rats indicate that there is limited evidence of carcinogenic potential in experimental animals. (NTP report n. 319, NIH publ, 87-2575, RIVM report 710401005 April 1991).	SML = 12 mg/kg		+	+
15580	01653-19-6	*2,3-DICHLORO-1,3-BUTADIENE	6A	BO/B1/B2 /B3	M50/M23 /R19	863*/		SML = 0.05 mg/kg		+	+
15610	00080-07-9	*4,4'-DICHLORODIPHENYL SULPHONE	7	BO/B1/B2 /B3	M50/M48 /R17	686*/1071/ 1305/	Available Ames test and migration data. Needed: gene mutation and chromosome aberration studies.		PEEK,PEES-PEK,P ES,PTFE	+	+
15640	00156-59-2	*cis-1,2-DICHLOROETHYLENE	8	BO/D1	M41/M23 /R19	342,474,50 9/				+	
15670	00156-60-5	*trans-1,2-DICHLOROETHYLENE	8	BO/D1	M41/R17	342,474,50 9/				+	+
15695	00461-58-5	DICYANODIAMIDE	2	Ax	M43		TDI : 1 mg/kg b.w. 2 year oral rat and dog studies and Ames tests. (American Cyanamide report 1969).		Same 47440		+
15700	05124-30-1	DICYCLOHEXYLMETHANE-4,4'-DIISOCYANATE	4A	AO/A1/A2 +	R17		See references for 3,3'-dimethyl-4,4'-diisocyanatobiphenyl.	QM(T1)= 1 mg/kg in FP (as NCO)	PUR/Same 13560	+	+
15730	00077-73-6	*DICYCLOPENTADIENE	8-P	BO/B1/B2 /B3	R17	509/800*,1 378 (RIVM)			PO,PS,UP	+	+
15735	00111-42-2	*DIETHANOLAMINE	8	Bx	M44		Data inadequate. R: contact with food containing nitrite should be avoided.	R: not in contact with food containing nitrite.			+
15755		*N,N-DIETHYLACRYLAMIDE	6A	BxS	M48/M44	537/		SML = 0.05 mg/kg	S2(12563)		+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
15760	00111-46-6	DIETHYLENEGLYCOL	2	A0/A1/A2 +	R17		Group TDI: 0.5 mg/kg b.w. (SCF, 17th Series, 1986).	SML(T4)= 30 mg/kg	Same 13326/ Look at 89440	+	+
15770	04246-51-9	*DIETHYLENEGLYCOL BIS(3-AMINOPROPYL) ETHER	8	Dx	M43						+
15780	00111-90-0	DIETHYLENEGLYCOL MONOETHYL ETHER	2	Ax	M51/M47 /M43	503/1053/	Group t-TDI : 0.05 mg/kg b.w. See references for 16996.	SML(T5) = 3 mg/kg			+
15790	00111-40-0	DIETHYLENETRIAMINE	3	B0/B1/A2	M49/M48 /M44/M2 3/R19	1813+//	R: 5 mg/kg. Available: 3-month oral rat study, several mutagenicity studies negative. (RIVM 90/678608/009).	SML = 5 mg/kg	PP	+	+
15805	01197-34-8	*3,5-DIETHYLPHENOL	8	Dx	M43	503/			Cov.by 12576		+
15820	00345-92-6	4,4'-DIFLUOROBENZOPHENONE	3	A2	M49/M35	1164,1223, 1544//	R : 0.05 mg/kg in food. Available: three mutagenicity tests negative, very low migration.(Rivm report, April 1992).	SML = 0.05 mg/kg	PES-PEEK/PEES-P EK/New subst	+	
15850	00383-29-9	*4,4'-DIFLUORODIPHENYL SULPHONE	W	D	M35/M30				PES-PPEK/PEES-P EK	+	
15855	59113-36-9	*DIGLYCEROL	8	Dx	M43	503/			Same 48480		+
15860	?	*DIHYDROPHTHALIC ACID	9	Bx/Dx	M43	503/			Cov.by 23320		+
15870	?	*DIHYDROPHTHALIC ANHYDRIDE	9	Bx/Dx	M43	503/			Cov.by 23410		+
15880	00120-80-9	1,2-DIHYDROXYBENZENE	2	A0/A1/A2	R17		TDI: 0.1 mg/kg b.w. A 90-day oral rat study, negative in vitro and in vivo mutagenicity tests, promoting effect in mouse skin painting assay. (SCC, 1983).	SML= 6 mg/kg	Same 24051	+	+
15910	00108-46-3	1,3-DIHYDROXYBENZENE	2	A0/A1/A2	R17		TDI: 0.04 mg/kg b.w. A 90-day oral rat study 5 days a week, metabolism in rabbit and man, several negative in vitro mutagenicity tests and no immunosuppressive action. (Henkel report 29-01-1980).	SML= 2.4 mg/kg	Same 24072	+	+
15940	00123-31-9	1,4-DIHYDROXYBENZENE	2	A0/A1/A2	R17		TDI: 0.01 mg/kg b.w. (SCF, 17th Series, 1986).	SML= 0.6 mg/kg	Same 18867,48620	+	+
15970	00611-99-4	4,4'-DIHYDROXYBENZOPHENONE	2	A0/A1/A2	M35		Group TDI: 0.1 mg/kg b.w. (for	SML = 6 mg/kg	PES-PEEK/PEES-P	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								4,4'-dihydroxybenzophenone; 2,2'-dihydroxy-4-methoxybenzophenone;2-hydroxy-4-hexoxybenzophenone;2-hydroxy-4-n-octoxybenzophenone). 90-day oral rat studies (2,2'-dihydroxy-4-methoxybenzophenone, 2-hydroxy-4-methoxybenzophenone, 2-hydroxy-4-n-octyloxybenzophenone) a 18-week oral dog study (2-hydroxy-4-n-octyloxybenzophenone) and 2-year rat and dog studies (2-hydroxy-4-n-octyloxybenzophenone), a reproduction study (2-hydroxy-4-n-octyloxybenzophenone) plus metabolism. (J.Occup.Med. 1969, 11, 703, Food Cosm.Tox. 1972, 10, 41-50, RIVM report October 1972).		EK/ Add SML(T) for additive Dir.		
	16000	00092-88-6	4,4'-DIHYDROXYBIPHENYL	2	A0/A1/A2	M25/R19		TDI: 0.1 mg/kg b.w. 90-day oral rat study and limited mutagenicity studies. (RIVM Doc/Tox 300/495 June 1984).	SML= 6 mg/kg	PET/Same 48760	+	+
	16015	41417-03-2	*1,4-DIHYDROXYCYCLODODECANE	8	Dx	M43	503/			Cov.by 12430		+
	16030	01965-09-9	*4,4'-DIHYDROXYDIPHENYL ETHER	8	B0/D1	M29/R20				PAR	+	+
	16060	02664-63-3	*4,4'-DIHYDROXYDIPHENYL SULPHIDE	8	B0/D1	M29/R20				PAR	+	
	16090	00080-09-1	*4,4'-DIHYDROXYDIPHENYL SULPHONE	7	B0/B1/B2 /B3	M49/R17	685*1072/1 306/	Available: migration data less than 50 ppb. Needed: full reports on all mutagenicity studies.		Same 13617	+	+
	16100	60793-35-3	*1,4-DIHYDROXY-2-METHYLCYCLOHEXANE	8	Dx	M43	503/			Cov.by 12430		+
	16107	?	*DIHYDROXYTRICYCLODECANE	9	Bx/Dx	M43				Ex L9*		+
	16115	25167-70-8	*DIISOBUTENE	8	Dx	M43	503/					+
	16116	00106-90-1	GLYCIDYL ACRYLATE	D	Dx						+	
	16118	-	GLYCIDYL ESTER OF TRIALKYL(C5-C15) ACETIC ACID	D	Dx						+	+
	16119	00106-91-2	GLYCIDYL METHACRYLATE	D	Dx						+	
	16120	00110-97-4	*DIISOPROPANOLAMINE	8	B0/B1/D2	R17/M44	988*/	R: contact with food containing nitrite should be avoided.	R: not in contact with food containing nitrite.	PUR	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	16136	16753-62-1	*DIMETHOXY(METHYL)VINYLSILANE	6A	Bx	M48/M45	550/		SML = 0.05 mg/kg	S2(26245)		+
	16138	02680-03-7	*N,N-DIMETHYLACRYLAMIDE	6A	BxS	M48/M44	537/		SML = 0.05 mg/kg	S2(12563)		+
	16145	00124-40-3	DIMETHYLAMINE	3	Ax	M53/M49 /M43	2040//	R: 0.06 mg/kg of food based on allowing 1% of estimated mean daily intake of secondary amines from food sources for packaging (Fd Chem.Toxicol. 29, 733-739, 1991).	SML= 0.06 mg/kg	Same 49225		+
	16150	00108-01-0	DIMETHYLAMINOETHANOL	2	A0/A1/A2	R17		TDI: 0.3 mg/kg b.w. A 90-day oral rat study, studies in other species and observations in man. (Arch. Ind. Hyg. Occup. Med., 4, 1951, 119-122).	SML= 18 mg/kg	Y,Z/PAM,PAN,PVD C	+	+
	16160	00120-65-0	*2-[(DIMETHYLAMINO)METHYL]PHENOL	8	Dx	M43						+
	16170	00103-87-7	*4-[(DIMETHYLAMINO)METHYL]PHENOL	8	Dx	M43						+
	16180	05205-93-6	*N-(DIMETHYLAMINOPROPYL)METHACRYLAMIDE	6A	B0/B1/D2	M48/M44 /R17			SML = 0.05 mg/kg		+	
	16190	00121-69-7	*N,N-DIMETHYLANILINE	8	Dx	M43				Same 49280		+
	16195	00103-83-3	*N,N-DIMETHYLBENZYLAMINE	8	Bx	M43	1005*/			See AD		+
	16200	00616-38-6	*DIMETHYL CARBONATE	W8	D	M43/M41	384,480/22 74	Data inadequate.		PPMA/New subst.	+	
	16210	06864-37-5	*3,3'-DIMETHYL-4,4'-DIAMINODICYCLOHEXYLM ETHANE	8	B0/B1/B2 /B3	R17	509/693*,1 276/			PA	+	+
	16225	00109-55-7	*N,N-DIMETHYL-1,3-DIAMINOPROPANE	8	Bx	M43	1006*/					+
	16240	00091-97-4	3,3'-DIMETHYL-4.4'-DIISOCYANATOBIPHENYL	4A	A0/A1/A2 +	R17		(SCF, 17th Series, 1986).	QM(T1)= 1 mg/kg in FP (as NCO)	PUR	+	+
	16243	?	*6,6-DIMETHYLHEPTANOIC ACID	8	Dx	M43	537/			S2(10435)(10576)(10596)		+
	16246	?	*DIMETHYLHEXAHYDROPHTHALIC ACID	9	Bx/Dx	M43	503/			Cov.by 23350		+
	16249		*DIMETHYLHEXAHYDROTEREPHTHALIC ACID	8	Dx	M43	537/			S2(16246)		+
	16252	00110-03-2	*2,5-DIMETHYL-2,5-HEXANEDIOL	8	B1S/D2	M42	482/			S1(12430)	+	+
	16255	70621-82-8	*2,4-DIMETHYLHEXANOIC ACID	8	Dx	M43	537/			S2(10435)(10576		+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
									)(10596)		
16257	?	*3,4-DIMETHYLHEXANOIC ACID	8	Dx	M43	537/			S2(10435)(10576)(10596)		+
16258	60308-87-4	*3,5-DIMETHYLHEXANOIC ACID	8	Dx	M43	537/			S2(10425)(10576)(10596)		+
16260	60308-81-8	*4,5-DIMETHYLHEXANOIC ACID	8	Dx	M43	537/			S2(10435)(10576)(10596)		+
16263	00142-30-3	*2,5-DIMETHYL-3-HEXYNE-2,5-DIOL	8	Dx	M43	537/			S2(12430)		+
16266	01300-71-6	*DIMETHYLPHENOL	D	Dx		503/			All specific terms are listed		+
16270	00526-75-0	*2,3-DIMETHYLPHENOL	8	B0/B1/B2 /B3	R17	509/804*,1 225*/1489c			Same 26377	+	+
16300	00105-67-9	*2,4-DIMETHYLPHENOL	8	B0/B1/B2 /B3	R17	509/803*,1 225*/1489c			Same 26375	+	+
16330	00095-87-4	*2,5-DIMETHYLPHENOL	8	B0/B1/B2 /B3	R17	509/802*,1 225*/			Same 26379	+	+
16360	00576-26-1	*2,6-DIMETHYLPHENOL	8	B0/B1/B2 /B3	M50/R17	1814+/	Available: only some specific migration data but not consistent with SCF guidelines. Therefore not interpretable.		PPO	+	+
16363	00095-65-8	*3,4-DIMETHYLPHENOL	8	Bx	M43	537/1225*/ 1489a,c			S2(12576)		+
16364	00108-68-9	*3,5-DIMETHYLPHENOL	8	Bx	M43	1878+			S2(12576)		+
16370	00101-42-8	*N,N-DIMETHYL-N'-PHENYLUREA	8	Dx	M43						+
16380	30734-81-7	*N,N-DIMETHYLPROPANEDIAMINE	8	Dx	M43						+
16390	00126-30-7	*2,2-DIMETHYL-1,3-PROPANEDIOL	8	B0/B1/B2 /B3	M40/R17	1879+//			Same 22437	+	+
16393	00075-98-9	*2,2-DIMETHYLPROPIONIC ACID	8	Dx	M43	503/			Cov.by 10480		+
16395	05340-26-1	*2,2-DIMETHYLPROPIONIC ACID, 2,2-DIMETHYLPROPYL ESTER	8	Dx	M43	503/			Cov.by 10576		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	16398	52561-72-5	*2,2-DIMETHYLPROPIONIC ACID, 2,3-EPOXYPROPYL ESTER	6A	BxS	M45	537/		QM = 5 mg/kg in fp (expressed as epoxy)	S2(25359)		+
	16400	03377-92-2	*2,2-DIMETHYLPROPIONIC ACID, VINYL ESTER	7	BxS	M48/M45	537,933/	Needed: provided hydrolysis can be demonstrated, data on 2,2-dimethylpropionic acid are requested.	SML = 0.05 mg/kg	S2(10224)		+
	16410	00067-68-5	DIMETHYL SULPHOXIDE	3	Ax	M45	503/	DMSO is used as a carrier of drugs to facilitate skin penetration.				+
	16413	00137-99-5	*2,4-DINONYLPHENOL	8	Dx	M43	537/			S2(12576)		+
	16416	01807-29-0	*2,4-DIOCTYLPHENOL	8	Dx	M43	537/			S2(12576)		+
	16418	05806-72-4	*2,4-DI-tert-OCTYLPHENOL	8	Dx	M43	537/			S2(12576)		+
	16420	00123-91-1	*DIOXANE	8	BO/D1	R17	509/			POM	+	
+	16450	00646-06-0	*1,3-DIOXOLANE	7	BO/B1/B2 /B3	M57/M56 /R17	509/646*/2 065,2224,2 325//	Available: migration and usage data showing exposure will be below 50 ppb, adequate 14-day, 28-day and 7-month oral toxicity studies, 3 inadequate reproduction studies, adequate teratogenicity study, several in vitro and in vivo mutagenicity studies. (CS/PM/2325) Needed: a further in vivo micronucleus study using i.p. dosing in BALB/C mice.		POM	+	+
	16480	00126-58-9	DIPENTAERYTHRITOL	2	AO/A1/A2	R17		Group TDI: 1 mg/kg b.w. (with pentaerythritol). (SCF, 17th Series, 1986).		UP	+	+
	16510	00138-86-3	*DIPENTENE	8	BO/B1/D2	M41/R17	385,509/80 6*/	Data made available for assessment of chewing gum not available for this group.		PP,PT	+	+
	16515	00120-95-6	*2,4-DI-tert-PENTYLPHENOL	8	Dx	M43	537/			S2(12576)		+
	16525	00126-00-1	*DIPHENOLIC ACID						See "4,4-BIS(4-HYDRO XYPHENYL)PENTANOIC ACID"	Same 13465		+
	16540	00102-09-0	*DIPHENYL CARBONATE	8	BO/B1/B2 /B3	R17	509/655*,1 177*/			PC	+	+
	16570	04128-73-8	DIPHENYLETHER-4,4'-DIISOCYANATE	4A	AO/A1/A2 +	R17		See references for 3,3'-dimethyl-4,4'-diisocyanatobiphenyl.	QM(T1)= 1 mg/kg in FP (as NCO)	PA,PUR	+	+
	16600	05873-54-1	DIPHENYLMETHANE-2,4'-DIISOCYANATE	4A	AO/A1/A2 +	R17		See references for 3,3'-dimethyl-4,4'-diisocyanatobiphenyl.	QM(T1)= 1 mg/kg in FP (as NCO)	LCU,PUR	+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
16630	00101-68-8	DIPHENYLMETHANE-4,4'-DIISOCYANATE	4A	AO/A1/A2 +	R17		See references for 3,3'-dimethyl-4,4'-diisocyanatobiphenyl.	QM(T1)= 1 mg/kg in FP (as NCO)		+	+
16650	00127-63-9	*DIPHENYL SULPHONE	8-P	Bx		503/1471*/ 2358 (F)(RIVM)			Same 51570		+
16655	00102-07-8	*N,N'-DIPHENYLUREA	8	Dx	M43						+
16660	00110-98-5 and 25265-71-8	DIPROPYLENEGLYCOL	2	AO/A1/A2	R17		Group TDI: 1.5 mg/kg b.w. (with 1,2 polypropylene glycol). (SCF, 6th Series, 1978).		Same 13550	+	+
16670	34590-94-8	*DIPROPYLENEGLYCOL MONOMETHYL ETHER	8	Dx	M43	537/	Data inadequate.		S2(16810)		+
16675	?	*3,5-DIPROPYLPHENOL	8	Dx	M43	503/			Cov.by 12576		+
16685	23235-61-2	*DITRIMETHYLOLPROPANE	8	Dx	M43						+
16690	01321-74-0	*DIVINYLBENZENE	6A-P	BO/B1/B2 /B3	M48/M45 /R17	642*/1310* .1380/(van Battum)		SML = 0.05 mg/kg	Same 51965	+	+
16697	00693-23-2	*DODECANEDIOIC ACID	8-P	B1S/B2/B 3	M42	482,503/22 97 (mMT)(RIVM)			S1(10300,10600)	+	+
16699	05675-51-4	*1,12-DODECANEDIOL	8	Dx	M43	537/			S2(12430)		+
16701	00112-53-8	1-DODECANOL	3	Ax/Dx	M43	503/	See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C22)" (PM/REF.N. 12375) in SCF list 3.		D because covered by 12375		+
16704	00112-41-4	*1-DODECENE	8	Bx	M43	1160+/			S2(12548)		+
16707	25377-73-5	*2-(DODECENYL)SUCCINIC ANHYDRIDE	8	Dx	M43						+
16709	27193-86-8	*DODECYLPHENOL	9	Bx/Dx	M43	503/			Cov.by 12576		+
16711	00104-43-8	*4-DODECYLPHENOL	8	Dx	M43	537/			S2(16709)		+
16713	-	*DRYING OILS	9	Dx	M52/M43	503//					+
16714	09000-75-3	*ELEMI	9	Bx/Dx	M43	503/					+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
16715	13296-76-9	*ELEOSTEARIC ACID	8	Dx	M43	537/			S2(10596)		+
16717	25134-21-8	*ENDOMETHYLENEMETHYLTETRAHYDROPHTHALIC ANHYDRIDE	8	Dx	M43						+
16719	03813-52-3	*ENDOMETHYLENETETRAHYDROPHTHALIC ACID	8	B1S/D2	M42	482,503/			S1(23350)	+	+
16720	00826-62-0	*ENDOMETHYLENETETRAHYDROPHTHALIC ANHYDRIDE	8	BO/D1	R17	311,509/			UP	+	+
16750	00106-89-8	EPICHLOROHYDRIN	4A	AO/A1/A2	R17		Highly toxic. Induces forestomach tumours in rats after oral administration. (Report from Nat. Inst. of Publ. Health, Bilthoven 1982; International Program on Chemical Safety, Series Environmental Health Criteria, WHO, 33, 1984).	QM = 1 mg/kg in fp	Look at 21823/Same 14570	+	+
16752	02386-87-0	*3,4-EPOXYCYCLOHEXANECARBOXYLIC ACID,3,4-EPOXYCYCLOHEXYLMETHYL ESTER	6A	Bx	M46	1192*,1225*/		QM = 5 mg/kg in fp (expressed as epoxy)			+
16755	00556-52-5	*2,3-EPOXYPROPANOL	6A	Bx	M45	503/		QM = 5 mg/kg in fp (expressed as epoxy)			+
16765	00122-60-1	*2,3-EPOXYPROPYL PHENYL ETHER	6A	Bx	M45			QM = 5 mg/kg in fp (expressed as epoxy)			+
16770	02210-79-9	*2,3-EPOXYPROPYL o-TOLYL ETHER	6A	Bx	M45	1225*/		QM = 5 mg/kg in fp (expressed as epoxy)			+
16775	00112-86-7	ERUCIC ACID	3	Ax	M44	537/	Occurs in small amounts in some vegetable oils.		S2(10596)		+
16778	00107-21-1	1,2-ETHANEDIOL						See "ETHYLENEGLYCOL"	Same 16990	+	+
16780	00064-17-5	ETHANOL	1	AO/A1/A2	R??/M37 /R17		Acceptable. (SCF, 11th Series, 1981).		Same 52800	+	+
16810	-	*ETHER ALCOHOLS	9	BO/D1	R17	482/			Ex L9	+	+
16840	-	*ETHERS OF N-METHYLOLACRYLAMIDE	9	BO/D1	M48/R17	482/		SML = 0.05 mg/kg	PAM	+	+
16870	-	*ETHERS OF N-METHYLOLMETHACRYLAMIDE	9	BO/D1	M48/M33	482/		SML = 0.05 mg/kg	PAM,PBT,PET	+	+
16885	-	*ETHERS OF 1,1,1-TRIMETHYLOLPROPANE	9	Bx/Dx	M43	503/			Cov.by 16810		+
16900	13036-41-4	*N-(ETHOXYMETHYL)ACRYLAMIDE	6A	BO/B1/D2	M48/M44 /M36/R1	741*/		SML = 0.05 mg/kg	PAM	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
						7						
	16910	00111-35-3	*3-ETHOXY-1-PROPANOL	8	Dx	M43						+
+	16920	87057-87-2	2-ETHYLBUTANE-1,4-DIISOCYANATE	4A	Ax	M57	2218//		QM(T1) = 1 mg/kg in FP (as NCO).			+
	16925	09004-57-3	ETHYLCELLULOSE	2	Ax	M43	503/	Group TDI : not specified based on Group ADI (=not specified) for certain modified cellulose. (JECFA 35 M., 1989).		Same S3280		+
	16930	00075-00-3	*ETHYL CHLORIDE	8	B0/D1	M24/R19	509/				+	
+	16940	63009-16-5	*2-ETHYL-1,4-DIAMINOBUTANE	8	Bx	M57	2218//					+
	16950	00074-85-1	ETHYLENE	3	A0/A1/A2	R17		Residues of this gas in plastics are very small. The gas has low toxic potential. Migration into food will be toxicologically negligible. (Patty's Industrial Hygiene and Toxicology, 3rd ed. 1981).			+	+
	16960	00107-15-3	ETHYLENEDIAMINE	2	A0/A1/A2	R17	1119/	TDI: 0.2 mg/kg b.w. Two 90-day oral rat studies. (ICI report, April 1975).	SML= 12 mg/kg	PA/Same 15272	+	+
	16990	00107-21-1	ETHYLENEGLYCOL	2	A0/A1/A2 +	R17		Group TDI: 0.5 mg/kg b.w. (with diethyleneglycol). See references for diethyleneglycol.	SML(T4)= 30 mg/kg	Same 16778/ Look at 89440	+	+
	16993	00111-76-2	ETHYLENEGLYCOL MONOBUTYL ETHER	2-P	Ax	M51/M47 /M43	537/1049,1153*,1224* //2234 (RIVM)	Group t-TDI: 0.05 mg/kg b.w. (with 16996 and 16999). See references for 16996.	SML(T5) = 3 mg/kg	S2(16810)		+
	16996	00110-80-5	ETHYLENEGLYCOL MONOETHYL ETHER	2-P	Ax	M56/M51 /M47	922/2114,2234 (2Y)(RIVM)	Group t-TDI : 0.05 mg/kg bw (with 16993 and 16999) pending evaluation of NTP rat and mouse studies. Several short term oral rat and dog studies, reproduction and teratogenicity studies. Carcinogenicity studies in mice and rats not reported. Mutagenicity studies inadequate. (RIVM summary, March 1991).	SML(T5) = 3 mg/kg			+
	16999	00112-25-4	ETHYLENEGLYCOL MONOHEXYL ETHER	2-P	Ax	M51/M47 /M43	537/2234 (2Y)(RIVM)	Group t-TDI: 0.05 mg/kg bw (with 16993 and 16996). See references as 16996.	SML(T5) = 3 mg/kg	S2(16810)		+
+	17002	00109-86-4	*ETHYLENEGLYCOL MONOMETHYL ETHER	6B-P	Bx	M56/M54 /M47/M43	503//2114, 2234(2Y)(RIVM)	R: 0.05 mg/kg of food pending evaluation of NTP rat and mouse studies. Suspected of embryotoxicity/teratogenicity.	SML = 0.05 mg/kg			+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	17005	00151-56-4	ETHYLENEIMINE	4A	A0/A1/A2	R17		Highly toxic by all exposure routes. Carcinogenic for mice orally. (IARC Monographs Vol 9, p. 37, Lyon 1975).	SML= not detectable (DL=0.01 mg/kg).		+	+
	17020	00075-21-8	ETHYLENE OXIDE	4A	A0/A1/A2	R17	393/	Strongly mutagenic in several studies. Induces forestomach tumours in rats after oral administration. (Brit. J. Cancer, 1982, 46, 924; IARC Monographs Vol. 11 and Suppl. 4, Lyon 1976 and 1982; Toxicity of ethylene oxide and its relevance to man. ECETOC, Technical Report n. 5, 1982).	QM=1 mg/kg in FP		+	+
	17030	00094-96-2	*2-ETHYL-1,3-HEXANEDIOL	8	Bx	M43	503,1007*/					+
+	17040	00149-57-5	*2-ETHYLHEXANOIC ACID	6B	B1S/B2/B3	M56/M53/M42	1815+//	Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.05 mg/kg of food, peroxisome proliferation studies too.		S1(10480)/Same 54120	+	+
	17041	41065-91-2	*3-ETHYLHEXANOIC ACID	8	Dx	M43	537/			S2(10435)(10576)(10596)		+
+	17050	00104-76-7	2-ETHYL-1-HEXANOL	1	B0/B1/B2/B3A	M56/M40/R17	1816+,2061//	ADI: 0.5 mg/kg b.w. (Techn. Rep. 837, 41 Rep.- Geneva February 93).	SML = 30 mg/kg		+	+
	17065	02461-15-6	*2-ETHYLHEXYL 2,3-EPOXYPROPYL ETHER	6A	Bx	M45			QM = 5 mg/kg in fp (expressed as epoxy)			+
	17080	00103-44-6	*2-ETHYLHEXYL VINYL ETHER	7	B0/D1	M48/M45/R17	509,933/	Needed: provided hydrolysis can be demonstrated, data on 2-ethylhexanol are requested.	SML = 0.05 mg/kg	PVC,PVE	+	+
	17110	16219-75-3	*5-ETHYLIDENEBICYCLO[2.2.1]HEPT-2-ENE	8	B0/B1/B2/B3	M50/R17	821*/			PO	+	+
	17113	?	*3-ETHYL-4-METHYLPENTANOIC ACID	8	Dx	M43	537/			S2(10435)(10576)(10596)		+
	17116	05877-42-9	*4-ETHYL-1-OCTYN-3-OL	8	B1S/D2	M42	482/			S1(12400)	+	+
	17118	25429-37-2	*ETHYLPHENOL	8	Bx	M50	1489c/			S2(12576)		+
	17120	00090-00-6	*2-ETHYLPHENOL	8	Dx	M43	537/			S2(12576)		+
	17121	00620-17-7	*3-ETHYLPHENOL	8	Dx	M43	537/			S2(12576)		+
	17122	00123-07-9	*4-ETHYLPHENOL	8	Dx	M43	537/			S2(12576)		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	17128	02612-29-5	*2-ETHYL-1,3-PROPANEDIOL	8	Dx	M43	503/			Cov.by 12430		+
	17140	00109-92-2	*ETHYL VINYL ETHER	7	B0/D1	M48/M45 /R17	509,933/	Needed: hydrolysis data.	SML = 0.05 mg/kg	PVC,PVE	+	+
	17150	00078-27-3	*1-ETHYNYLCYCLOHEXANOL	8	B1S/D2	M42	482/			S1(12460)	+	
	17160	00097-53-0	EUGENOL	4A	A2	M50	1532,1582, 1586	Metabolize into epoxyeugenol having initiating activity. (RIVM summary data, 12.05.1992 (cs/pm/1586)).	SML = 0.01 mg/kg	New mon/PC	+	
	17170	61788-47-4	FATTY ACIDS, COCO	3	A0/A1/A2	R17,M52		Equal to or similar to food fats.			+	+
+	17175	68938-15-8	FATTY ACIDS, COCO, HYDROGENATED	3	Bx	M57	2218//	Toxicologically acceptable.				+
	17180	-	*FATTY ACIDS, DEHYDRATED	9	Bx/Dx	M45						+
	17190	68783-41-5	*FATTY ACID,C36, DIMER, HYDROGENATED	D	Dx	M43				Modified and transferred in 10599/92A and 93		+
	17200	68308-53-2	FATTY ACIDS, SOYA	3	A0/A1/A2	R17,M52		Equal to or similar to food fats.			+	+
	17215	-	FATTY ACIDS, SUNFLOWER OIL	3/D	Ax	M43,M52		Equal to or similar to food fats.		D as single acids are listed.		+
	17230	61790-12-3	FATTY ACIDS, TALL OIL	3	A0/A1/A2	M52/R17					+	+
	17233	73138-53-1	*FATTY ACIDS, TALL OIL, DIMERS	8	Bx	M52/M43	503/1220//					+
	17236	61790-37-2	FATTY ACIDS, TALLOW	3	Ax	M43,M52	537//	Equal to or similar to food fats.		S2(10596)		+
	17239	-	*FATTY AMINES, COCO	9	Bx/Dx	M43						+
	17245	08016-13-5	FISH OIL	3	Ax	M52/M43	503//	Food fat.				+
	17247	-	*FISH OIL FATTY ACIDS, AND THEIR DIMERS	D	Dx	M52/M43	503//					+
	17247/ 0		FISH OIL FATTY ACIDS (Food grade quality)	D	Dx	M52/M47	1079//					+
	17247/ 1		FISH OIL FATTY ACIDS	3	Ax	M52/M47	1079//	Constituents of food fats.				+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	17247/2		*FISH OIL FATTY ACIDS (Food grade quality), DIMERS	D	Dx	M52/M47	1079//					+
	17247/3		*FISH OIL FATTY ACIDS, DIMERS	8/D	Dx	M52/M47	1079//			D as dimers of single acid listed		+
	17260	00050-00-0	FORMALDEHYDE	3	A0/A1/A2	R17	959/	Residues of this gas in plastics will be very small. Formaldehyde is a normal intermediate in human metabolism. Carcinogenic for rats by inhalation at concentrations irritant to the respiratory tract. (Final report on a chronic inhalation study in rats and mice exposed to formaldehyde). (Battelle Columbus Labs. Columbus, Ohio, 1981).	SML(T6) = 15 mg/kg		+	+
	17275	00064-18-6	FORMIC ACID	1	Ax	M43	537/	Group ADI : 3 mg/kg b.w. for formic acid and ethyl formate. (JECFA 17 M., 1973).		S2(10576)/Same 55040		+
	17290	00110-17-8	FUMARIC ACID	1	A0/A1/A2	R17		ADI: 6 mg/kg b.w. (SCF, 25th Series, 1990).			+	+
	17305	00141-02-6	*FUMARIC ACID, BIS(2-ETHYLHEXYL) ESTER	8	B1S/D2	M42	482/			S1(17410)	+	+
	17320	02807-54-7	*FUMARIC ACID, DIALLYL ESTER	6A	B0/B1/D2	M48/M45 /R17	742*/		SML = 0.05 mg/kg		+	+
	17350	00105-75-9	*FUMARIC ACID, DIBUTYL ESTER	7	B0/B1/B2 /B3	R17	704*/1676* /	Needed: hydrolysis data.			+	+
	17365	02402-58-6	*FUMARIC ACID, DIDODECYL ESTER	7	Dx	M42	482/	Needed: hydrolysis data.		S1(17410)	+	+
	17380	00623-91-6	*FUMARIC ACID, DIETHYL ESTER	7	B0/B1/D2	R17	743*/	Needed: hydrolysis data.			+	+
	17385	-	*FUMARIC ACID, DIHEPTYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 17410		+
	17390	19139-31-2	*FUMARIC ACID, DIHEXYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 17410		+
+	17392	07283-70-7	*FUMARIC ACID, DIISOPROPYL ESTER	W			2203 (H)(Barlow)			New subst./Monomer	+	
	17394	00624-49-7	*FUMARIC ACID, DIMETHYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 17410		+
	17398	07283-68-3	*FUMARIC ACID, DIOCTADECYL ESTER	7	B1S/D2	M42	482/	Needed: hydrolysis data.		S1(17410)	+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
17401	02997-85-5	*FUMARIC ACID, DIOCTYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 17410		+
17404	?	*FUMARIC ACID, DIPENTYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 17410		+
17407	14595-35-8	*FUMARIC ACID, DIPROPYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 17410		+
17410	-	*FUMARIC ACID, ESTERS WITH ALCOHOLS, ALIPHATIC, MONOHYDRIC, SATURATED (C1-C18)	9	B0/D1	R17	482/				+	+
17440	-	*FUMARIC ACID, ESTERS WITH ALCOHOLS, ALIPHATIC, MONOHYDRIC, UNSATURATED (C3-C18)	9	B0/D1	R17	482/			Ex L9	+	+
17470	-	*FUMARIC ACID, ESTERS WITH ALCOHOLS, POLYHYDRIC	9	B0/D1	M24/R19	482/				+	
17473	16062-88-7	*FUMARIC ACID, MONOBUTYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 17410		+
17476	02459-05-4	*FUMARIC ACID, MONOETHYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 17410		+
17479	?	*FUMARIC ACID, MONOHEPTYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 17410		+
17482	45125-88-0	*FUMARIC ACID, MONOHEXYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 17410		+
17485	02756-87-8	*FUMARIC ACID MONOMETHYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 17410		+
17488		*FUMARIC ACID, MONOOCTYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 17410		+
17491	-	*FUMARIC ACID, MONOPENTYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 17410		+
17494	-	*FUMARIC ACID, MONOPROPYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 17410		+
17500	00098-01-1	*FURFURAL	7	B0/D1	R17		Needed: 90-day oral study and mutagenicity studies.		MF,PF,UF	+	+
17505	00098-00-0	*FURFUROL	8	Bx	M44	503/					+
17510	29204-02-2	GADOLEIC ACID	0	Ax	M43	537/			S2(10596)		+
17520	12002-43-6	*GILSONITE	9	Bx/Dx	M43	503/					+
17530	00050-99-7	GLUCOSE	0	A0/A1/A2	R17					+	+
17560	-	*GLUCOSIDES OBTAINED FROM GLUCOSE AND 1,3-BUTANEDIOL	7	B0/D1	R17		Needed: hydrolysis data.		PUR	+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
17590	-	*GLUCOSIDES OBTAINED FROM GLUCOSE AND 1,4-BUTANEDIOL	7	BO/D1	R17		Needed: hydrolysis data.		PUR	+	+
17620	-	*GLUCOSIDES OBTAINED FROM GLUCOSE AND DIETHYLENEGLYCOL	7	BO/D1	R17		Needed: hydrolysys data.		PUR	+	+
17650	-	*GLUCOSIDES OBTAINED FROM GLUCOSE AND 2,2-DIMETHYL-1,3-PROPANEDIOL	7	BO/D1	R17		Needed: hydrolysis data.		PUR	+	+
17680	-	*GLUCOSIDES OBTAINED FROM GLUCOSE AND ETHYLENEGLYCOL	7	BO/D1	R17		Needed: hydrolysis data.		PUR	+	+
17710	-	*GLUCOSIDES OBTAINED FROM GLUCOSE AND GLYCEROL	7	BO/D1	R17		Needed: hydrolysis data.		PUR	+	+
17740	-	*GLUCOSIDES OBTAINED FROM GLUCOSE AND 1,6-HEXANEDIOL	7	BO/D1	R17		Needed: hydrolysis data.		PUR	+	+
17770	-	*GLUCOSIDES OBTAINED FROM GLUCOSE AND 1,2,6-HEXANETRIOL	7	BO/D1	R17		Needed: hydrolysis data.		PUR	+	+
17800	-	*GLUCOSIDES OBTAINED FROM GLUCOSE AND PENTAERYTHRITOL	7	BO/B1/D2	R17		Needed: hydrolysis data.		PUR	+	+
17830	-	*GLUCOSIDES OBTAINED FROM GLUCOSE AND POLYETHYLENEGLYCOL (MOLECULAR WEIGHT GREATER THAN 200)	7	BO/B1/D2	R17		Needed: hydrolysis data.		PUR	+	+
17860	-	*GLUCOSIDES OBTAINED FROM GLUCOSE AND POLYPROPYLENEGLYCOL (MOLECULAR WEIGHT GREATER THAN 400)	7	BO/B1/D2	R17	795*/	Needed: hydrolysis data.		PUR	+	+
17890	-	*GLUCOSIDES OBTAINED FROM GLUCOSE AND PROPANEDIOL	7	BO/D1	R17		Needed: hydrolysis data.		PUR	+	+
17920	-	*GLUCOSIDES OBTAINED FROM GLUCOSE AND SORBITOL	7	BO/D1	R17		Needed: hydrolysis data.		PUR	+	+
17950	-	*GLUCOSIDES OBTAINED FROM GLUCOSE AND SUCROSE	7	BO/D1	R17		Needed: hydrolysis data.		PUR	+	+
17980	-	*GLUCOSIDES OBTAINED FROM GLUCOSE AND 1,1,1-TRIMETHYLOLPROPANE	7	BO/D1	R17		Needed: hydrolysis data.		PUR	+	+
18010	00110-94-1	GLUTARIC ACID	0	AO/A1/A2	M38/R17					+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
18040	29733-18-4	*GLUTARIC ACID, DIISODECYL ESTER	8	BO/D1	M40/R17				PUR	+	+
18055	01119-40-0	*GLUTARIC ACID, DIMETHYL ESTER	7	BxS	M50/M47 /M43	537	Needed: hydrolysis data.		S2(10240)		+
18070	00108-55-4	GLUTARIC ANHYDRIDE	3	BO/A1/A2	M45/R17		Hydrolises to corresponding acid.		PUR	+	+
18100	00056-81-5	GLYCEROL	1	AO/A1/A2	R17		Group ADI: not specified for glycerol, glycerol diacetate, glycerol triacetate and glycerol monoacetate. (SCF, 11th Series, 1981).			+	+
18105	-	*GLYCEROL ESTERS OF DAMAR, COPAL, ELEMI, AND SANDARAC	9	Bx/Dx	M43	503/					+
18115	31566-31-1	GLYCEROL MONOSTEARATE	1	Ax	M43		ADI : not specified. (JECFA 17 M., 1973).		Same 57520		+
18120	00107-22-2	*GLYOXAL	6A	Bx	M45	503/		SML = 0.05 mg/kg			+
18124	08016-24-8	HEMPSEED OIL	3	Ax	M52/M43	503//	Food fat.		Cov.by 16713		+
18126	-	*HEMPSEED OIL FATTY ACID, AND THEIR DIMERS	D	Dx	M52/M43	503//					+
18126/ 0		HEMPSEED OIL FATTY ACIDS (food grade quality)	D	Dx	M52/M47	1079//					+
18126/ 1		HEMPSEED OIL FATTY ACIDS	3/D	Dx	M52/M47	1079//	Constituents of food fats.				+
18126/ 2		*HEMPSEED OIL FATTY ACIDS (Food grade quality), DIMERS	D	Dx	M52/M47	1079//					+
18126/ 3		*HEMPSEED OIL FATTY ACIDS, DIMERS	8/D	Dx	M52/M47	1079//			D as dimers of single acids listed		+
18130	04371-64-6	*1,1-HEPTADECANEDICARBOXYLIC ACID	8	BO/D1	R17					+	+
18135	23328-87-2	*2-HEPTADECYLIMIDAZOLE	8	Dx	M43						+
18140	00629-30-1	*1,7-HEPTANEDIOL	8	Dx	M43	537/			S2(12430)		+
18150	00111-70-6	1-HEPTANOL	3	Ax/Dx	M43	537/	See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C22)"		S2(12365)/D because cov by		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								(PM/REF_N. 12375) in SCF list 3.		12375		
	18160	25339-56-4	*HEPTENE	8	BO/D1	R17	509/				+	+
	18190	00592-76-7	*1-HEPTENE	8	BO/D1	R17	509/				+	+
	18220	68564-88-5	N-HEPTYLAMINOUNDECANOIC ACID	3-P	BO/B1/B2 /B3	M53/M30	1880+,2012 /2172 (90)(RIVM*)	R: 0.05 mg/kg of food and not for use with fatty foods. Available: migration into non-fat simulants, 5 negative mutagenicity studies, incomplete 90-day oral rat study.		PA/	+	
	18250	00115-28-6	HEXACHLOROENDOMETHYLENETETRAHYDROPHTHALI C ACID	4A	BO/A1/A2	M40/R17	349/744*/	Cancer in lung and liver of rats and mice, positive in mutagenicity study in mouse lymphoma cells. (NTP techn. Rep. 304, NIH publ. 87-2560 April 1987).	SML = 0.01 mg/kg	UP/Same 14527	+	+
	18280	00115-27-5	HEXACHLOROENDOMETHYLENETETRAHYDROPHTHALI C ANHYDRIDE	4A	BO/A1/A2	M47/M45 /R17	509,796*/	Hydrolyses easily to acid known for induction of lung cancer.	SML = 0.01 mg/kg	UP	+	+
	18310	36653-82-4	1-HEXADECANOL	3	AO/A1/A2	M36/R17		See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C22)" (PM/REF.N. 12375) in SCF list 3.			+	+
	18320	00629-73-2	*1-HEXADECENE	8	BxS	M43	1881+//2269/			S2(12548)		+
	18325	07320-37-8	*1,2-HEXADECYLENE OXIDE	6A	Bx	M45			QM(T) = 5 mg/kg in fp (expressed as epoxy)			+
	18330	00057-09-0	HEXADECYLTRIMETHYLAMMONIUM BROMIDE	2	Ax	M43		TDI : 0.1 mg/kg b.w. 400-day oral rat study. (RIVM report, September 1978).	SML = 6 mg/kg	Same 58960		+
	18340	00822-28-6	*HEXADECYL VINYL ETHER	7	BO/D1	M48/M45 /R17	933/	Needed: hydrolysis data.	SML = 0.05 mg/kg	PVC,PVE	+	+
	18370	00592-45-0	*1,4-HEXADIENE	8-P	BO/B1/B2 /B3	R17	509,870*/2143,2206 (mM)(RIVM-TNO)			PO	+	+
+	18400	00592-42-7	*1,5-HEXADIENE	7	BO/B1/B2 /B3	M54/M50 /R17	509/592,625*/2086	Available: 4-week rat study by inhalation and mutagenicity tests. Needed: migration data and gene mutation in mammalian cells in vitro. If migration exceeds		PO	+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							0.05 mg/kg of food, additional study according to SCF guidelines should be supplied.				
18430	00116-15-4	HEXAFLUOROPROPYLENE	4A	BO/A1/A2	M45/M31 /R19	574,590,779*,923/	Mutagenicity studies in vitro and in vivo, suspect of genotoxicity.	SML = 0.01 mg/kg	PTFE,PVDF	+	+
18433	03971-31-1	*HEXAHYDROISOPHTHALIC ACID	8	Dx	M43	503/			Cov.by 23320		+
18436	01687-30-5	*HEXAHYDROPHTHALIC ACID	8	B1S/D2	M42	482,503/			S1(23320)/Same 14875	+	+
18438	13149-00-3	*cis-1,2-HEXAHYDROPHTHALIC ACID	8	Dx	M43	537/			S2(10297)(10576)		+
18439	14166-21-3	*trans-1,2-HEXAHYDROPHTHALIC ACID	8	Dx	M43	537/			S2(10297)(10576)		+
18441	00085-42-7	*HEXAHYDROPHTHALIC ANHYDRIDE	8	B1S/B2/B3	M42	482,503/1193*/			S1(23410)	+	+
18444	01076-97-7	*HEXAHYDROTEREPHTHALIC ACID	8	Bx	M43	503//2246* (RIVM)					+
18446	00094-60-0	*HEXAHYDROTEREPHTHALIC ACID, DIMETHYL ESTER	8	Dx	M43	537/			S2(10240)(10578)		+
18449	03089-11-0	*N,N,N',N',N'',N''-HEXAKIS(METHOXYMETHYL)-2,4,6-TRIAMINO-1,3,5-TRIAZINE	8	Bx	M43	1063*/					+
18460	00124-09-4	HEXAMETHYLENEDIAMINE	2	AO/A1/A2	R17		TDI: 0.04 mg/kg b.w. A 28-day oral rat study. (RIV report n. 48/80 March 1981).	SML= 2.4 mg/kg	PA/Same 15274	+	+
18490	15511-81-6	*HEXAMETHYLENEDIAMINE ADIPATE	8	BO/B1/D2	R17	509/692*/			PA	+	+
18520	38775-37-0	*HEXAMETHYLENEDIAMINE AZELATE	7	BO/D1	M28/R20		Needed: hydrolysis data.		PA	+	+
18550	-	*HEXAMETHYLENEDIAMINE DODECANEDICARBOXYLATE	8	BO/D1	R17	509/			PA	+	+
18580	-	*HEXAMETHYLENEDIAMINE HEPTADECANEDICARBOXYLATE	8	BO/D1	R17	509/			PA	+	+
18610	06422-99-7	*HEXAMETHYLENEDIAMINE SEBACATE	8	BO/B1/D2	R17	509/691*/			PA	+	+
18640	00822-06-0	HEXAMETHYLENE DIISOCYANATE	4A	AO/A1/A2 +	R17		See references for 3,3'-dimethyl-4,4'-diisocyanatobiphenyl.	QM(T1)= 1 mg/kg in FP (as NCO)	PA,PUR	+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
18670	00100-97-0	HEXAMETHYLENETETRAMINE	3	A0/A1*/A 2	R17		Formaldehyde liberator. Evaluated by JECFA as a preservative for food. Amounts of formaldehyde likely to migrate into food are of no toxicological significance. (JECFA 17 M.).	SML(T6)= 15 mg/kg (as formaldheyde)	MF,PF,UF	+	+
18695	06920-22-5	*1,2-HEXANEDIOL	8	Dx	M43	537/			S2(12430)		+
18700	00629-11-8	*1,6-HEXANEDIOL	8	B0/B1/B2 /B3	M40/R17	1834+/				+	+
18730	02935-44-6	*2,5-HEXANEDIOL	8	B0/D1	R17					+	+
18760	00106-69-4	*1,2,6-HEXANETRIOL	8	B0/D1	R17				PUR	+	+
18770	00142-62-1	n-HEXANOIC ACID	0	Ax	M43	537/			S2(10576)/Same 59360		+
18780	00111-27-3	1-HEXANOL	3	Ax/Dx	M43	537/	See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C22)" (PM/REF.N.12375) in SCF list 3.		S2(12365)/D because cov. by 12375		+
18790	25264-93-1	*HEXENE	8	B0/D1	R17	509/				+	+
18820	00592-41-6	1-HEXENE	3	B0/B1/B2 /B3	M48/M44 /M31	1817+,2042 ,2045//	R: 0.05 mg/kg in food. Available: 3 mutagenicity tests negative and migration data. (RIVM summary data, 14-02-1991).	SML = 0.05 mg/kg		+	+
18850	00107-41-5	*HEXYLENEGLYCOL	7	B0/B1/D2	R17	745*/	Needed: purity, physicochemical state, migration data.		Same 22072,59600	+	+
18865	03031-66-1	*3-HEXYN-2,5-DIOL	8	B1S/D2	M42	482/			S1(12430)	+	+
18867	00123-31-9	HYDROQUINONE		A0/A1/A2				See "1,4-DIHYDROXYBENZENE"	Same 15940	+	+
18870	-	*N-omega-HYDROXYALKYL(C1-C6)AMIDES OF UNSATURATED ALIPHATIC MONO- AND POLYCARBOXYLIC ACIDS (C3-C18)	9	Bx/Dx	M43	503/					+
18880	00099-96-7	4-HYDROXYBENZOIC ACID	2	A0/A1/A2	M25/R19		TDI: 10 mg/kg b.w. The value of the TDI is based upon the evaluation of the esters. (JECFA 1973).		PET	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	18885	01137-42-4	4-HYDROXYBENZOPHENONE	2	Ax	M43	503/	Group TDI : 0.01 mg/kg b.w. (for benzophenone and hydroxybenzophenone). Available for benzophenone: 90-day oral rat study and metabolism study (CIVO report R 3301, 1970).	SML(T7) = 0.6 mg/kg			+
	18890	01965-29-3	*N-(2-HYDROXYETHYL)DIETHYLENETRIAMINE	8	Dx	M43						+
	18895	-	*N-HYDROXYMETHYL-N-ALKYL(C1-C6)AMIDES OF UNSATURATED ALIPHATIC MONO- AND POLYCARBOXYLIC ACIDS(C3-C18)	9	Bx/Dx	M43	503/					+
	18900	00106-14-9	12-HYDROXYSTEARIC ACID	0	Ax	M43	537/			S2(10596)/Same 61840		+
	18905	02628-17-3	*4-HYDROXYSTYRENE	6A	B1S/B2/B3	M48/M45 /M42	482/		SML = 0.05 mg/kg	S1(24670)	+	
	18910	00288-32-4	*IMIDAZOLE	8	B0/D1	R17	509/				+	
	18940	00095-13-6	*INDENE	8	B0/D1	R17	509/1225*/				+	+
	18970	00078-83-1	*ISOBUTANOL	8	B0/B1/B2 /B3	M50	702*/	Residue less than 1 mg/kg in food. No mutagenicity and oral data. (Directive 88/344/EEC).		Same 62270	+	+
	19000	00115-11-7	ISOBUTENE	3	A0/A1/A2	R17		Residues of this gas in plastics are very small. The gas has low toxic potential. Migration into food will be toxicologically negligible. (Patty's Industrial Hygiene and Toxicology, 3rd ed, 1981).		Same in AD list.	+	+
	19030	16669-59-3	*N-(ISOBUTOXYMETHYL)ACRYLAMIDE	6A	B0/B1/B2 /B3	M48/M44 /R17	1882+		SML = 0.05 mg/kg	PAM,PVDC	+	+
	19045	04548-27-0	*N-(ISOBUTOXYMETHYL)METHACRYLAMIDE	6A	BxS	M48/M44	537/		SML = 0.05 mg/kg	S2(16870)		+
	19060	00109-53-5	*ISOBUTYL VINYL ETHER	7	B0/B1/B2 /B3	M48/M45 /R17	1883+	Needed: provided hydrolysis can be demonstrated, data on isobutanol are requested.	SML = 0.05 mg/kg	PS,PVC,PVE	+	+
	19090	00078-84-2	*ISOBUTYRALDEHYDE	8	B0/B1/B2 /B3	M50/R17	746*/				+	+
	19105	00079-31-2	*ISOBUTYRIC ACID	8	Dx	M43	537/			S2(10576)		+
+	19110	04098-71-9	1-ISOCYANATO-3-ISOCYANATOMETHYL-3,5,5-TRIMETHYLCYCLOHEXANE	4A	Ax	M57	2218//		QM(T1) = 1 mg/kg in FP (as NCO)	Same 19147		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	19120	25339-17-7	*ISODECANOL	8	BO/B1/B2/B3	M40/M33	1884+/				+	+
	19125	101051-37-0	*ISOMETHYLTETRAHYDROPHTHALIC ACID	9	Bx/Dx	M45		Needed: chemical and structural formula.		Needed: chemical and structural formula!		+
	19130	26896-18-4	*ISONONANOIC ACID	8	B1S/B2/B3	M50/M42	482/1286*/			S1(10480)	+	+
	19135	25103-52-0	*ISOOCTANOIC ACID	8	BxS	M43	537/1400*/			S2(10435)(10576)(10596)		+
	19140	26952-21-6	*ISOOCTANOL	8	BO/B1/D2	M38	351E,509,944*/				+	+
	19145	02855-13-2	*ISOPHORONE DIAMINE						See "12670"	Same 12670	+	+
+	19147	04098-71-9	ISOPHORONE DIISOCYANATE						See "19110"	Same 19110		+
	19150	00121-91-5	*ISOPHTHALIC ACID	7	BO/B1/B2/B3	M50/R17	1818+//2335	Available: 90-day oral rat study, mutagenicity tests (some positive), migration data. Needed: Mouse limphoma assay, report on migration.		Same 23185	+	+
	19180	00099-63-8	*ISOPHTHALIC ACID DICHLORIDE	7	BO/B1/B2/B3	M51/M37/R17	1835+/	Needed: original data on migration and genotoxicity.		PA,PET	+	+
	19210	01459-93-4	ISOPHTHALIC ACID, DIMETHYL ESTER	3	BO/B1/A2	M48/M46/M40/R17	284,509/813*,915,969/1020/	R: 0.05 mg/kg in food. Available: 3 mutagenicity tests, negative. Migration data less than 0.050 mg/kg. (Rivm summary data, May 1991, CS/PM/969).	SML = 0.05 mg/kg	PET	+	+
	19240	00744-45-6	*ISOPHTHALIC ACID, DIPHENYL ESTER	8	BO/D1	R17	509/			PET	+	+
	19243	00078-79-5	*ISOPRENE		BO/B1/B2/B3				See "*2-METHYL-1,3-BUTADIENE "	Same 21640	+	+
	19245	07534-42-1	*N-(ISOPROPOXYMETHYL)ACRYLAMIDE	6A	BxS	M48/M44	537/		SML = 0.05 mg/kg	S2(16840)		+
	19255	00080-05-7	*4,4'-ISOPROPYLIDENEDIPHENOL		AO/A1/A2				See "13480"	Same 13480	+	+
	19260	00088-69-7	*2-ISOPROPYLPHENOL	8	Dx	M43	537/			S2(12576)		+
	19262	00099-89-8	*4-ISOPROPYLPHENOL	8	Dx	M43	537/			S2(12576)		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	19265	30399-84-9	*ISOSTEARIC ACID	8	Dx	M43	537/			S2(10435)(10576)(10596)		+
+	19270	00097-65-4	ITACONIC ACID	0	B0/B1/B2/B3A	M56/M40/R17	1885+/2121,2222//	Normal human metabolite.			+	+
	19300	02155-60-4	*ITACONIC ACID, DIBUTYL ESTER	7	B0/D1	R17		Needed: hydrolysis data.			+	+
	19315	00617-52-7	*ITACONIC ACID, DIMETHYL ESTER	8	Dx	M43	537/			S2(19435)		+
	19330	07748-43-8	*ITACONIC ACID, 2,3-EPOXYPROPYL DIESTER	6A	B0/D1	M45/R17	349,572/		QM(T) = 5 mg/kg in fp (expressed as epoxy)	PVDC	+	+
	19360	-	*ITACONIC ACID, 2,3-EPOXYPROPYL MONOESTER	6A	B0/D1	M45/R17	572/		QM(T) = 5 mg/kg in fp (expressed as epoxy)	PVDC	+	+
	19390	-	*ITACONIC ACID, ESTERS WITH ALCOHOLS, ALIPHATIC, MONOHYDRIC, SATURATED(C1-C18)	9	B0/D1	R19	482/				+	+
	19400	-	*ITACONIC ACID, ESTERS WITH ALCOHOLS, ALIPHATIC, MONOHYDRIC, UNSATURATED (C3-C12)	9	Bx/Dx	M43	503/			Cov.by 19390		+
	19420	-	*ITACONIC ACID, ESTERS WITH ALCOHOLS, POLYHYDRIC	9	B0/D1	M23/R19	482/				+	+
	19435	-	*ITACONIC ACID, METHYL ESTERS	9	Bx/Dx	M43	503/					+
	19450	-	*LACTAMS OF omega-AMINOCARBOXYLIC ACIDS, ALIPHATIC, LINEAR (C7-C12)	9	B0/D1	R17	482/			PA	+	+
+	19460	00050-21-5	LACTIC ACID	1	A4	M43	503/	ADI : not specified. (SCF, 25th Series, 1990).		Same 62960		+
	19470	00143-07-7	LAURIC ACID	0	A1S/A2	M42	482/			S1(10480,10600)/Same 63280	+	+
	19480	02146-71-6	*LAURIC ACID, VINYL ESTER	7-P	B0/B1/D2	M48/M45/R17	812*/2334(H)(Barlow)	Needed: hydrolysis data.	SML = 0.05 mg/kg		+	+
	19490	00947-04-6	*LAUROLACTAM	8-P	B1S/B2/B3	M42	482/596*,1260*/2216(m90)(RIVM*-TNO)	90-day oral rat and dog studies performed. Data inadequate. (RIVM report September 1979).		S1(19450)	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	19495	22032-47-9	*LAUROLEIC ACID	8	BxS	M45	894/			S2(10576,10596)		+
	19500	00623-99-4	*LICANIC ACID	8	Dx	M43	537/			S2(10596)		+
	19510	11132-73-3	LIGNOCELLULOSE	3	A0/A1/A2	M30/R20		Natural, non digestible fibre.		LCU	+	
	19515	00557-19-5	LIGNOCERIC ACID	0	Ax	M43	537/			S2(10596)/Same 63920		+
	19518	00060-33-3	LINOLEIC ACID	0	Ax	M43	537/			S2(10596)		+
	19521	06144-28-1	*LINOLEIC ACID, DIMER	8	Bx	M44	503/			Cov.by 10600		+
	19523		*LINOLEIC ACID, TRIMER	8	BxS	M44	537/			S2(10598)		+
	19526	28290-79-1	LINOLENIC ACID	0	Ax	M43	537/			S2(10596)		+
	19529	-	*LINOLENIC ACID, DIMER	8	Bx	M44	503/			Cov.by 10600		+
	19532	08001-26-1	LINSEED OIL	3	Ax	M52/M43	503/1220//	Food fat.				+
	19533	08001-26-1	LINSEED OIL (Food grade quality)	D	Dx	M52/M43				Same 64160		+
	19534	-	*LINSEED OIL FATTY ACIDS, AND THEIR DIMERS	D	Dx	M52/M43	503/1220//					+
	19534/0		LINSEED OIL FATTY ACIDS (Food grade quality)	D	Dx	M52/M47	1079//					+
	19534/1		LINSEED OIL FATTY ACIDS	3/D	Dx	M52/M47	1079//	Constituents of food fats.				+
	19534/2		LINSEED OIL FATTY ACID (food grade quality), DIMERS	D	D	M52						+
	19534/3		*LINSEED OIL FATTY ACIDS, DIMERS	8/D	Dx	M52/M47	1079//			D as single dimers listed.		+
	19540	00110-16-7	MALEIC ACID	2	A0/A1/A2	R17		Group TDI: 0.5 mg/kg b.w. as maleic acid. (SCF, 17th Series, 1986).	SML(T8)= 30 mg/kg (with maleic anhydride).		+	+
	19570	00999-21-3	*MALEIC ACID, DIALLYL ESTER	6A	B0/B1/B2/B3	M48/M45/R17	644*,865/1223		SML = 0.05 mg/kg		+	+
	19600	00105-76-0	*MALEIC ACID, DIBUTYL ESTER	7	B0/B1/B2/B3	R17	703*,1210*,1351*/	Needed: hydrolysis data.			+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	19630	71550-61-3	*MALEIC ACID, DIESTER WITH 1,2-PROPANEDIOL	7	BO/D1	R17		Needed: hydrolysis data.		PS	+	+
	19660	00141-05-9	*MALEIC ACID, DIETHYL ESTER	7	BO/B1/D2	R17	747*/	Needed: hydrolysis data.			+	+
	19670	31983-42-3	*MALEIC ACID, DIHEPTYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 19810		+
	19680	16064-83-8	*MALEIC ACID, DIHEXYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 19810		+
	19690	14234-82-3	*MALEIC ACID, DIISOBUTYL ESTER	7	BO/B1/D2	R17	748*/	Needed: hydrolysis data.			+	+
	19720	01330-76-3	*MALEIC ACID, DIISOOCTYL ESTER	7	BO/B1/D2	M25/R19	749*/1692*	Needed: hydrolysis data.			+	+
	19750	00624-48-6	*MALEIC ACID, DIMETHYL ESTER	7	BO/B1/D2	R17	750*/	Needed: hydrolysis data.			+	+
	19780	02915-53-9	*MALEIC ACID, DIOCTYL ESTER	7	BO/D1	R17	1383*	Needed: hydrolysis data.			+	+
	19790	10099-71-5	*MALEIC ACID, DIPENTYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 19810		+
	19795	02432-63-5	*MALEIC ACID, DIPROPYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 19810		+
	19800	-	*MALEIC ACID, ESTERS WITH ALCOHOLS, ALIPHATIC, MONOHYDRIC, UNSATURATED (C3-C18)	9	Bx/Dx	M43	503/					+
	19810	-	*MALEIC ACID, ESTERS WITH ALCOHOLS, ALIPHATIC, SATURATED (C1-C18)	9	BO/D1	R19	482/				+	+
	19840	-	*MALEIC ACID, ESTERS WITH ALCOHOLS, POLYHYDRIC	9	BO/D1	R17	482/				+	+
	19870	-	*MALEIC ACID, ESTER WITH 1,3-BUTANEDIOL	7	BO/D1	R17		Needed: hydrolysis data.			+	+
	19900	02424-58-0	*MALEIC ACID, MONOALLYL ESTER	6A	BO/D1	M48/M45 /R17			SML = 0.05 mg/kg	PS,PVC	+	+
	19915	00925-21-3	*MALEIC ACID, MONOBUTYL ESTER	7	B1S/D2	M42	482,503/	Needed: hydrolysis data.		S1(19810)	+	+
	19930	-	*MALEIC ACID, MONOESTERS WITH ALCOHOLS, ALIPHATIC, MONOHYDRIC, UNSATURATED(C3-C18)	9	BO/D1	R17	482/				+	
	19933	03990-03-2	*MALEIC ACID, MONOETHYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 19810		+
	19936	07423-42-9	*MALEIC ACID, MONO(2-ETHYLHEXYL) ESTER	8	B1S/B2/B 3	M42	482/1355*/			S1(19810)	+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
19939	15420-83-4	*MALEIC ACID, MONOHEPTYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 19810		+
19942	15420-81-2	*MALEIC ACID, MONOHEXYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 19810		+
19943	00924-83-4	*MALEIC ACID, MONOISOPROPYL ESTER	7	Bx	M45	550*/	Needed: hydrolysis data.		N2(19810)		+
19945	03052-50-4	*MALEIC ACID, MONOMETHYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 19810		+
19949	02370-71-0	*MALEIC ACID, MONOOCTYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 19810		+
19952	15420-79-8	*MALEIC ACID, MONOPENTYL ESTER	7	Bx	M44		Needed: hydrolysis data.		Same 19900		+
19955	00925-03-1	*MALEIC ACID, MONOPROPYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 19810		+
19960	00108-31-6	MALEIC ANHYDRIDE	2	A0/A1/A2	R17		Group TDI: 0.5 mg/kg b.w. as maleic acid. (SCF, 6th Series, 1978).	SML(T8)= 30 mg/kg (expressed as maleic acid).		+	+
19965	06915-15-7	MALIC ACID	1	Ax	M43		ADI : not specified. (SCF, 25th Series, 1990).		Same 64960		+
19968	00141-82-2	MALONIC ACID	3	Ax	M44	537/	Occurs in plants.		S2(10576)/Same 65040		+
19972	00087-78-5	MANNITOL	1	Ax	M43	503/	ADI : acceptable. (SCF, 16th Series, 1985).		Same 65520		+
19975	00108-78-1	MELAMINE	2	A0/A1/A2			See references for the same substance in additive list.	See "2,4,6-TRIAMINO-1,3,5-TRIAZINE"	Same 25420	+	+
19977	00060-24-2	*2-MERCAPTOETHANOL	8	Bx	M44				Same in AD list.		+
19990	00079-39-0	*METHACRYLAMIDE	6A	B0/B1/B2 /B3	M48/M44 /R17	1886+		SML = 0.05 mg/kg		+	+
20005	51410-72-1	*METHACRYLAMIDOPROPYLTRIMETHYLAMMONIUM CHLORIDE	6A	Bx	M48/M44	503/		SML = 0.05 mg/kg			+
20020	00079-41-4	METHACRYLIC ACID	2	A0/A1/A2	R17		Group t-TDI: 0.1 mg/kg b.w. pending the results of an adequate oral study. Available: a 2-year oral rat study and several other studies in several animal species with methyl methacrylate. (Tox. Appl. Pharmacol., 6, 1984, 29-36; RIV doc.		X	+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							Tox. 300730, February 1983).				
20050	00096-05-9	*METHACRYLIC ACID, ALLYL ESTER	6A	B0/B1/B2 /B3	M48/M45 /R17	1887+,2265 (RIVM?)		SML = 0.05 mg/kg		+	+
20060	07659-36-1	*METHACRYLIC ACID, 2-AMINOETHYL ESTER	8	Dx	M43	503/					+
20068	45294-18-6	*METHACRYLIC ACID, ARACHIDYL ESTER	7	Dx	M43	537/	Needed : hydrolysis data.		S2(20620)		+
20075	16669-27-5	*METHACRYLIC ACID, BEHENYL ESTER	7	Dx	M43	537/	Needed : hydrolysis data.		S2(20620)		+
20080	02495-37-6	METHACRYLIC ACID, BENZYL ESTER	2	B0/B1/A2	M50/R17	892*/1267/	Group TDI: 0.1 mg/kg bw (as methacrylic acid). Hydrolysis (complete) data allow the allocation of the same TDI as methacrylic acid.		PAM	+	
20095	46729-07-1	*METHACRYLIC ACID, 4-tert-BUTYLCYCLOHEXYL ESTER	8	B1S/D2	M42	482/			S1(20620)	+	+
20110	00097-88-1	METHACRYLIC ACID, BUTYL ESTER	2	A0/A1/A2	R17		Group t-TDI: 0.1 mg/kg b.w. (as methacrylic acid). See references for methacrylic acid.		X	+	+
20140	02998-18-7	METHACRYLIC ACID, sec-BUTYL ESTER	2	A0/A1/A2	M28/R20		Group t-TDI: 0.1 mg/kg b.w. (as methacrylic acid). See references for methacrylic acid.		PAM,PVDC/X,Y	+	+
20170	00585-07-9	METHACRYLIC ACID, tert-BUTYL ESTER	2	A0/A1/A2	M28/R20		Group t-TDI: 0.1 mg/kg b.w. (as methacrylic acid). See references for methacrylic acid.		PAM/X,Y	+	+
20200	01888-94-4	*METHACRYLIC ACID, 2-CHLOROETHYL ESTER	8	B0/B1/D2	M45/R17	807*/			PAM	+	
20230	-	*METHACRYLIC ACID, CYCLOHEXYLAMINOETHYL ESTER	8	B0/D1	M28/R20				PAM	+	
20260	00101-43-9	*METHACRYLIC ACID, CYCLOHEXYL ESTER	8	B0/B1/B2 /B3	M45/R17	808*,1333* /				+	+
20290	16868-14-7	*METHACRYLIC ACID, CYCLOPENTYL ESTER	8	B0/D1	M45/R17					+	+
20320	03179-47-3	*METHACRYLIC ACID, DECYL ESTER	7	B0/B1/D2	M28/R20	751*/	Needed: hydrolysis data.		PAM	+	+
20335	-	*METHACRYLIC ACID, N,N-DIALKYL(C1-C4)AMINOALKYL(C2-C8) ESTER	9	Bx/Dx	M43	503/					+
20350	-	*METHACRYLIC ACID, (DI-tert-BUTYLAMINO)ETHYL ESTER	8	B0/D1	R17	509/			PAM	+	+
20380	01189-08-8	*METHACRYLIC ACID, DIESTER WITH	8	B0/B1/B2	M53/M45	1819+//	Available: hydrolysis study shows incomplete			+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
		1,3-BUTANEDIOL		/B3	/R17		hydrolysis.				
20410	02082-81-7	*METHACRYLIC ACID, DIESTER WITH 1,4-BUTANEDIOL	8	BO/B1/B2 /B3	M45/R17	681*,1298, 1406*/				+	+
20425	02358-84-1	*METHACRYLIC ACID, DIESTER WITH DIETHYLENEGLYCOL	8	BxS	M45/M43	537/			S2(20710)		+
20430	01985-51-9	*METHACRYLIC ACID, DIESTER WITH 2,2-DIMETHYL-1,3-PROPANEDIOL	8	Bx	M46	550/			S2(20680)		+
20440	00097-90-5	*METHACRYLIC ACID, DIESTER WITH ETHYLENEGLYCOL	8-P	BO/B1/B2 /B3	M50/R17	1836+//2264,2275 (mM)(RIVM-TNO)				+	+
20455	06606-59-3	*METHACRYLIC ACID, DIESTER WITH 1,6-HEXANEDIOL	8	B1S/D2	M42	482/			S1(20680)	+	+
20470	25852-47-5	*METHACRYLIC ACID, DIESTER WITH POLYETHYLENEGLYCOL	8	BO/B1/B2 /B3	M45/M36 /M15	680*,1311* /			PAM,PVDC	+	+
20473		*METHACRYLIC ACID, DIESTER WITH POLYPROPYLENEGLYCOL	9	BxS/Dx	M45/M43	537/			S2(20710)/Changed 20815 into 20473		+
20480	01188-09-6	*METHACRYLIC ACID, DIESTER WITH 1,3-PROPANEDIOL	8	BxS	M45/M43	537/			S2(20665)		+
20490	00109-17-1	*METHACRYLIC ACID, DIESTER WITH TETRAETHYLENEGLYCOL	8	BxS	M45/M43	537/			S2(20710)		+
20500	00105-16-8	*METHACRYLIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER	8	BO/D1	M45/R17				PAM	+	+
20530	02867-47-2	*METHACRYLIC ACID, 2-(DIMETHYLAMINO)ETHYL ESTER	7	BO/B1/B2 /B3	M45/R17	1888+	Needed: hydrolysis data.		PAM,PMMA	+	+
20560	00142-90-5	*METHACRYLIC ACID, DODECYL ESTER	7	BO/B1/D2	R17	752*/	Needed: hydrolysis data.			+	+
20590	00106-91-2	*METHACRYLIC ACID, 2.3-EPOXYPROPYL ESTER	6A-P	BO/B1/B2 /B3	M45/R17	1889+ (van Battum)		QM(T) = 5 mg/kg in fp (expressed as epoxy)	PMMA,PVC,PVDC	+	+
20605	-	*METHACRYLIC ACID, ESTERS WITH ALCOHOLS, ALIPHATIC, MONOHYDRIC, SATURATED (C1-C18)	9	Bx/Dx	M43	503/					+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
20620	-	*METHACRYLIC ACID, ESTERS WITH ALCOHOLS, ALIPHATIC, MONOHYDRIC, SATURATED(C1-C21)	9	BO/D1	R17	482/				+	+
20650	-	*METHACRYLIC ACID, ESTERS WITH ALCOHOLS, ALIPHATIC, MONOHYDRIC, UNSATURATED(C4-C18)	9	BO/D1	R17	482/			PVC	+	+
20665	-	*METHACRYLIC ACID, ESTERS WITH ALCOHOLS, ALIPHATIC, POLYHYDRIC	9	Bx/Dx	M43	503/					+
20680	-	*METHACRYLIC ACID, ESTERS WITH ALCOHOLS, POLYHYDRIC (C2-C21)	9	BO/D1	R17	482/				+	+
20710	-	*METHACRYLIC ACID, ESTERS WITH ETHERALCOHOLS	9	BO/D1	M28/R20	482/			PAM	+	+
20740	39670-09-2	*METHACRYLIC ACID, ESTER WITH ETHOXYTRIETHYLENEGLYCOL	8	BO/B1/B2 /B3	M50/M45 /R17	890*/1268, 1282/	Available: hydrolysis (incomplete) data.		PAM	+	+
20770	-	*METHACRYLIC ACID, ESTERS WITH GLYCOLETHERS OBTAINED FROM MONO AND/OR DIGLYCOLS WITH ALCOHOLS, ALIPHATIC, MONOHYDRIC (C1-C18)	9	BO/D1	R17	482/				+	
20785	26915-72-0	*METHACRYLIC ACID, ESTER WITH METHOXYPOLYETHYLENEGLYCOL	8	Bx	M45/M43	537/1152*/ 1737*			S2(20710)		+
20800	24493-59-2	*METHACRYLIC ACID, ESTER WITH METHOXYTRIETHYLENEGLYCOL	8	BO/D1	M45/R17				PAM	+	+
20830	-	*METHACRYLIC ACID, ESTERS WITH 1,2-PROPANEDIOL	8	BO/B1/D2	M45/R17	754*			PAM,PVDC	+	+
20860	05039-78-1	*METHACRYLIC ACID, ESTER WITH TRIMETHYLETHANOLAMMONIUM CHLORIDE	8	BO/D1	M45/M25 /R19				PAM	+	
20875	02370-63-0	*METHACRYLIC ACID, 2-ETHOXYETHYL ESTER	8	Dx	M43	537/			S2(20710)		+
20890	00097-63-2	METHACRYLIC ACID, ETHYL ESTER	2	AO/A1/A2	R17		Group t-TDI: 0.1 mg/kg b.w. (as methacrylic acid). See references for methacrylic acid.		X	+	+
20920	00688-84-6	*METHACRYLIC ACID, 2-ETHYLHEXYL ESTER	8	BO/B1/D2	M45/R17	755*/				+	+
20928	05459-37-0	*METHACRYLIC ACID, HEPTYL ESTER	7	Dx	M43	537/	Needed : hydrolysis data.		S2(20620)		+
20935	02495-27-4	*METHACRYLIC ACID, HEXADECYL ESTER	7	Dx	M43	537/	Needed : hydrolysis data.		S2(20620)		+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
20940	00142-09-6	*METHACRYLIC ACID, HEXYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 20620		+
20945	04664-49-7	*METHACRYLIC ACID, 2-HYDROXYISOPROPYL ESTER (=methacrylic acid, 2-hydroxy-1-methylethyl ester)	7	B1S/D2	M45/M42	482/1737*	Needed: hydrolysis data.		S1(20680)	+	+
20950	00923-26-2	*METHACRYLIC ACID, 2-HYDROXYPROPYL ESTER	8	B0/B1/B2 /B3	M49/M45 /M40/R1 7	1837+	Available: hydrolysis data. However no significant hydrolysis has been measured.			+	+
20965	02761-09-3	*METHACRYLIC ACID, 3-HYDROXYPROPYL ESTER	8	B1S/D2	M42	482,503/			S1(20680)	+	+
20980	07534-94-3	*METHACRYLIC ACID, ISOBORNYL ESTER	8	B0/B1/D2	M45/R17	757*/			PAM,PVC	+	
21010	00097-86-9	METHACRYLIC ACID, ISOBUTYL ESTER	2	A0/A1/A2	R17		Group t-TDI: 0.1 mg/kg b.w. (as methacrylic acid). See references for methacrylic acid.		PAM,PVC/X,Y	+	+
21040	29964-84-9	*METHACRYLIC ACID, ISODECYL ESTER	8	B0/B1/D2	M45/R17	645*/			PAM,PVC	+	+
21070	28675-80-1	*METHACRYLIC ACID, ISOOCTYL ESTER	8	B0/B1/D2	M45/M28 /R20	758*/			PAM	+	+
21100	04655-34-9	METHACRYLIC ACID, ISOPROPYL ESTER	2	A0/A1/A2	M28/R20		Group t-TDI: 0.1 mg/kg b.w. (as methacrylic acid). See references for methacrylic acid.		PAM/X,Y	+	+
21115	00816-74-0	*METHACRYLIC ACID, METHALLYL ESTER	6A	B1S/B2/B 3	M48/M45 /M42	482/		SML = 0.05 mg/kg	S1(10450)	+	+
21130	00080-62-6	METHACRYLIC ACID, METHYL ESTER	2	A0/A1/A2	R17		Group t-TDI: 0.1 mg/kg b.w. (as methacrylic acid). See references for methacrylic acid.		X,Y	+	+
21160	-	*METHACRYLIC ACID, MONOESTER WITH 1,3-BUTANEDIOL	8	B0/D1	M25/R19	509/				+	+
21170	00997-46-6	*METHACRYLIC ACID, MONOESTER WITH 1,4-BUTANEDIOL	8	B1S/D2	M42	482/			S1(20680)	+	+
21180	02351-43-1	*METHACRYLIC ACID, MONOESTER WITH DIETHYLENEGLYCOL	7	Dx	M45/M43	537/	Needed: hydrolysis data.		S2(20710)		+
21190	00868-77-9	METHACRYLIC ACID, MONOESTER WITH ETHYLENEGLYCOL	2	B0/A1/A2	M40/R17	759*/	Group t-TDI: 0.1 mg/kg b.w. (as methacrylic acid). See references for methacrylic acid.		B1	+	+
21205	25736-86-1	*METHACRYLIC ACID, MONOESTER WITH POLYETHYLENEGLYCOL	7	Dx	M45/M43	537/	Needed: hydrolysis data.		S2(20710)		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	21220	32360-05-7	*METHACRYLIC ACID, OCTADECYL ESTER	8	B0/B1/B2 /B3	M52/R17	760*/1689/ /	Hydrolysis negligible (CS/PM/1689).			+	+
	21250	02157-01-9	*METHACRYLIC ACID, n-OCTYL ESTER	7	B0/B1/D2	M28/R20	761*/	Needed: hydrolysis data.		PAM	+	+
	21280	02177-70-0	METHACRYLIC ACID, PHENYL ESTER	2	B0/B1/A2	M50/R17	887*,1265/	Group TDI: 0.1 mg/kg bw (as methacrylic acid). Hydrolysis (complete) data allow the allocation of the same TDI as methacrylic acid.		PAM	+	
	21310	03683-12-3	*METHACRYLIC ACID, PHENYLETHYL ESTER	8	B0/D1	M45/R17				PAM	+	
	21340	02210-28-8	METHACRYLIC ACID, PROPYL ESTER	2	A0/A1/A2	R17		Group t-TDI: 0.1 mg/kg b.w. (as methacrylic acid). See references for methacrylic acid.		X,Y	+	+
	21370	10595-80-9	*METHACRYLIC ACID, 2-SULPHOETHYL ESTER	8	B0/B1/B2 /B3	M44/M28 /R20	509,519/762*/				+	+
	21400	54276-35-6	*METHACRYLIC ACID, SULPHOPROPYL ESTER	8-P	B0/B1/B2 /B3	M44/R17	763*,865// 2230 (mM)(RIVM-TNO)			PVDC	+	+
	21415	02549-53-3	*METHACRYLIC ACID, TETRADECYL ESTER	7	Dx	M43	503/	Needed : hydrolysis data.		Cov.by 20620		+
	21430	04245-37-8	*METHACRYLIC ACID, VINYL ESTER	7	B0/B1/D2	M48/M45 /R17	889*/	Needed: hydrolysis data.	SML = 0.05 mg/kg	PAM,PVC	+	+
	21460	00760-93-0	METHACRYLIC ANHYDRIDE	2	A0/A1/A2	R17		Group t-TDI: 0.1 mg/kg b.w. (as methacrylic acid). See references for methacrylic acid.		X/UP	+	+
	21490	00126-98-7	METHACRYLONITRILE	4A	A0/A1/A2	R17		The chemical structure is similar to acrylonitrile. Methacrylonitrile should be treated in the same way as acrylonitrile.	SML= not detectable (DL=0.02 mg/kg, analytical tolerance included)		+	+
	21505	-	*METHALLYL ETHERS OF MONOHYDRIC ALCOHOLS (C1-C18)	9	Bx/Dx	M48/M45	503/		SML = 0.05 mg/kg			+
	21510	-	*METHALLYL ETHERS OF POLYHYDRIC ALCOHOLS (C2-C12)	9	Bx/Dx	M48/M45	503/		SML = 0.05 mg/kg			+
	21520	01561-92-8	*METHALLYLSULPHONIC ACID, SODIUM SALT	6A	B0/B1/B2 /B3	M48/M45 /R17	572,697*/1259*/		SML = 0.05 mg/kg	PAM,PS,PVDC	+	
	21550	00067-56-1	METHANOL	3	A0/A1/A2	R17		The toxicity profile well known also from intoxication of man. The potential migration into			+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							food will not be of toxicological significance. (SCF, 6th Series, 1978).				
21560	-	*N-METHOXYALKYL(C1-C6)-N-ALKYL(C1-C6)AMIDES OF UNSATURATED ALIPHATIC MONO- AND POLYCARBOXYLIC ACIDS (C3-C18)	9	Bx/Dx	M43	503/					+
21568	-	*N-METHOXYALKYL(C1-C6)AMIDES OF UNSATURATED ALIPHATIC MONO- AND POLYCARBOXYLIC ACIDS (C3-C18)	9	Bx/Dx	M43	503/					+
21580	03644-11-9	*N-(METHOXYMETHYL)ACRYLAMIDE	6A	B0/D1	M48/M44 /R17	509/		SML = 0.05 mg/kg	PAM	+	+
21610	03644-12-0	*N-(METHOXYMETHYL)METHACRYLAMIDE	6A	B0/D1	M48/M44 /R17	509/		SML = 0.05 mg/kg		+	
21615	00150-76-5	*4-METHOXYPHENOL	8	Dx	M43	1472*/					+
21620	00107-98-2	*1-METHOXY-2-PROPANOL	8	Bx	M43	537/1225*/			S2(16810)		+
21630	01187-59-3	*N-METHYLACRYLAMIDE	6A	BxS	M48/M44	537/		SML = 0.05 mg/kg	S2(12563)		+
21635	07413-02-7	*2-METHYLBICYCLO[4.3.0]NONA-3,8-DIENE	8	Dx	M43	537/			S2(13170)		+
21640	00078-79-5	*2-METHYL-1,3-BUTADIENE	6A-P	B0/B1/B2 /B3	M50/M40 /M36/M19	797*,1377*,1513*/(mM)(RIVM-TNO)		SML = 0.05 mg/kg	Same 19243	+	+
21670	00563-46-2	*2-METHYL-1-BUTENE	8	B0/B1/D2	R17	509/606*/				+	+
21700	00513-35-9	*2-METHYL-2-BUTENE	8	B0/D1	R19	509/				+	+
21730	00563-45-1	*3-METHYL-1-BUTENE	8	B0/B1/B2 /B3	M23/R17	509/607*/				+	+
21733	00115-19-5	*2-METHYL-3-BUTYN-2-OL	8	B1S/D2	M42	482/	4-week oral rat study. Data inadequate. (Bayer Rep. 12557, 1984-03-22).		S1(12400)	+	+
21736	02549-61-3	*alpha-METHYL-epsilon-CAPROLACTONE	8	B1S/D2	M42	482/			S1(14290)	+	
21739	02549-60-2	*beta-METHYL-epsilon-CAPROLACTONE	8	B1S/D2	M42	482/			S1(14290)	+	
21742	02549-58-8	*delta-METHYL-epsilon-CAPROLACTONE	8	B1S/D2	M42	482/			S1(14290)	+	
21745	02549-59-9	*epsilon-METHYL-epsilon-CAPROLACTONE	8	B1S/D2	M42	482/			S1(14290)	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	21748	02549-42-0	*gamma-METHYL-epsilon-CAPROLACTONE	8	B1S/D2	M42	482/			S1(14290)	+	
+	21749	00583-60-8	*2-METHYLCYCLOHEXANONE	8	Bx	M57	2218//					+
	21751	26519-91-5	*METHYLCYCLOPENTADIENE	8	Dx	M43	537/			S2(12520)		+
	21754	15520-10-2	*2-METHYL-1,5-DIAMINOPENTANE	8	Bx	M43	1194*,1225 */1557//					+
	21757	?	*METHYLENDOMETHYLENETETRAHYDROPHTHALIC ACID	8	Dx	M43	503/			Cov.by 23350		+
	21760	00694-91-7	*5-METHYLENEBICYCLO(2,2,1)HEPT-2-ENE	8	B0/B1/B2 /B3	M50/R17	798*/			PIB,PO	+	+
	21790	00110-26-9	*METHYLENEBISACRYLAMIDE	6A	B0/D1	M48/M44 /R17	509/		SML = 0.05 mg/kg	PAM	+	
	21820	13093-19-1	*METHYLENEBISCAPROLACTAM	8	B0/D1	R17				PA	+	
	21821	00505-65-7	*1,4-(METHYLENEDIOXY)BUTANE		B0/B1/B2 /B3				See "*1,4-BUTANEDIOL FORMAL"	Same 13810	+	
	21823	00598-09-4	2-METHYLEPICHLOROHYDRIN	4A	Ax	M47/M43	503/	Chemical structure similar to epichlorohydrin, which is higly toxic and which induces forestomach tumours in rats after oral administration.	QM = 1 mg/kg in fp			+
	21826	?	*METHYLETHOXYDIMETHYLAMINODICHLOROSILANE	8	Dx	M43	503/			Formula requested		+
+	21827	00078-93-3	METHYL ETHYL KETONE	3	Ax	M57		R: 5 mg/kg of food. Same references as 66655.	SML(T?) = 5 mg/kg (with 66655)	Same as 66655		+
	21829	00097-30-3	*alpha-METHYL-D-GLUCOSIDE	8	Dx	M43	503/					+
	21832		*3-METHYLHEPTANOIC ACID	8	Dx	M43	537/			S2(10435)(10576)(10596)		+
	21833	03302-03-2	*4-METHYLHEPTANOIC ACID	8	Dx	M43	537/			S2(10435)(10576)(10596)		+
	21834		*5-METHYLHEPTANOIC ACID	8	Dx	M43	537/			S2(10435)(10576)(10596)		+
	21835	00929-10-2	*6-METHYLHEPTANOIC ACID	8	Dx	M43	537/			S2(10435)(10576)(10596)		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	21837	01116-90-1	*4-METHYL-1,4-HEXADIENE	6A	B1S	M45	799*/		SML = ND (DL = 0.05 mg/kg)	S1(12520)	+	
	21840	?	*METHYLHEXAHYDROPHTHALIC ACID	9	Bx/Dx	M43	503/			Cov.by 23350		+
	21845	19438-60-9	*4-METHYLHEXAHYDROPHTHALIC ANHYDRIDE	8	Bx	M43	1184*/					+
	21850	00095-71-6	*METHYLHYDROQUINONE	8	B0/B1/D2	M29/R20	44,509/631 */			PAR	+	
	21880	00717-27-1	*METHYLHYDROQUINONE DIACETATE	8	B0/B1/D2	M29/R20	509/631*/			PAR	+	
	21910	00814-78-8	*METHYL ISOPROPENYL KETONE	8	B0/D1	M25/R19	155,168/				+	
	21925	00109-02-4	N-METHYLMORPHOLINE	5	D	M43				Same in AD list		+
	21940	00924-42-5	N-METHYLOLACRYLAMIDE	4A	B0/A1/A2	M44/R17	509,674*,924/	Genotoxic carcinogen. (RIVM report 04-03-1991).	SML = not detectable (DL = 0.01 mg/kg expressed as acrylamide)	PAM,PVDC	+	+
	21970	00923-02-4	*N-METHYLOLMETHACRYLAMIDE	6A	B0/B1/B2 /B3	M48/M44 /R17	1890+		SML = 0.05 mg/kg	PVDC/Same 66820	+	+
	22000	01118-58-7	*2-METHYL-1,3-PENTADIENE	8	B0/D1	R17	509/				+	+
	22030	01115-08-8	*3-METHYL-1,4-PENTADIENE	8	B0/D1	R17	509/				+	+
	22060	00926-56-7	*4-METHYL-1,3-PENTADIENE	8	B0/D1	R17	509/				+	+
+	22065	34813-62-2	2-METHYLPENTANE-1,5-DIISOCYANATE	4A	Ax	M57	2218//		QM(T1) = 1 mg/kg in FP (as NCO).			+
	22070	00149-31-5	*2-METHYL-1,3-PENTANEDIOL	8	Dx	M43	537/			S2(12430)		+
	22072	00107-41-5	*2-METHYL-2,4-PENTANEDIOL				503/		See "HEXYLENEGLYCOL"			+
	22080	00108-11-2	*4-METHYL-2-PENTANOL	8	Dx	M43						+
	22090	00763-29-1	*2-METHYL-1-PENTENE	8	B0/D1	R17	509/				+	+
	22120	00760-20-3	*3-METHYL-1-PENTENE	8	B0/D1	R17	509/				+	+
	22150	00691-37-2	4-METHYL-1-PENTENE	3	A0/A1*/A 2	M50/M39 /M38/M3 3/M31	59,396,116 0+/	R: 0.05 mg/kg in food. 28- and 90-day oral rat studies. Ames test negative, cytogenicity study doubtful. (RIVM summary 1990-02-22).	SML= 0.05 mg/kg		+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	22180	04461-48-7	*4-METHYL-2-PENTENE	8	BO/D1	M23/R19	509/				+	+
	22190	02163-42-0	*2-METHYL-1,3-PROPANEDIOL	8	Bx	M43	503/1419*/			Cov.by 12430		+
	22210	00098-83-9	*alpha-METHYLSTYRENE	6A	BO/B1/B2 /B3	M49/M48 /M45/M2 1	660*/1215* /1542		SML = 0.05 mg/kg	Same 66920	+	+
	22240	00622-97-9	*p-METHYLSTYRENE	6A	BO/B1/B2 /B3	M48/M45 /M21/R1 7	1891+		SML = 0.05 mg/kg	Same 26292	+	+
	22242	06144-04-3	alpha-METHYLSTYRENE DIMER	D	Dx					CT	+	
	22245	?	*METHYLTETRAHYDROPHTHALIC ACID	9	Bx/Dx	M43	503/			Cov.by 23350		+
	22247	26590-20-5	*METHYL-1,2,3,6-TETRAHYDROPHTHALIC ANHYDRIDE	8	Bx	M43	503/1195*/					+
	22256	01185-55-3	*METHYLTRIMETHOXYSILANE	8	Dx	M43	503/					+
	22270	00107-25-5	*METHYL VINYL ETHER	7	BO/B1/B2 /B3	M48/M45 /R17	1892+	Needed: hydrolysis data.	SML = 0.05 mg/kg		+	+
	22300	00078-94-4	*METHYL VINYL KETONE	6A	BO/D1	M48/M45 /M23/R1 9	155,168,34 9,572/		SML = 0.05 mg/kg		+	
	22330	01822-74-8	*METHYL VINYL THIOETHER	6A	BO/D1	M48/M45 /R17			SML = 0.05 mg/kg	PO	+	+
	22335	28693-00-7	*MONOCHLOROACETIC ACID, ESTER WITH 5-(HYDROXYMETHYL)-BICYCLO[2.2.1]HEPT-2-ENE	6A	Dx	M43	503/		SML = 0.05 mg/kg			+
	22340	00074-89-5	*MONOMETHYLAMINE	W8	D	M42/M43	384/2274	Data inadequate.		PMMA/New subst.	+	
	22345	13732-62-2	MORPHOLINE p-TOLUENESULPHONATE	5	D	M43						+
+	22350	00544-63-8	MYRISTIC ACID	1	A1S/A2	M56/M42	482//	ADI: Not specified. (SCF, 25th Series, 1989).		S1(10480,10600)	+	+
	22355	00544-64-9	*MYRISTOLEIC ACID	8	Dx	M43	537/			S2(10596)		+
+	22360	01141-38-4	*2,6-NAPHTHALENEDICARBOXYLIC ACID	7	BO/B1/B2 /B3	M56/M36 /R20	1838+,2126 ,2220//	Available: 2 negative mutagenicity tests, one inadequate mutagenicity test, some migration data.		PAR,PEN	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								(RIVM doc. CS/PM/2220). Needed: chromosome aberration study in mammalian cells in vitro, migration data at high temperature.				
	22390	00840-65-3	2,6-NAPHTHALENEDICARBOXYLIC ACID, DIMETHYL ESTER	3	A2	M47/M36	153,982,1043/	R: 0.05 mg/kg in food. 3 months oral rat study, 4 mutagenicity tests negative, migration data. (RIVM summary, September 1991).	SML = 0.05 mg/kg	PAR/PEN/New subst.	+	
	22420	03173-72-6	1,5-NAPHTHALENE DIISOCYANATE	4A	A0/A1/A2 +	R17		See references for 3,3'-dimethyl-4,4'-diisocyanatobiphenyl.	QM(T1)= 1 mg/kg in FP (as NCO)	PUR	+	+
	22424	26761-45-5	*NEODECANOIC ACID, 2,3-EPOXYPROPYL ESTER	6A	Bx	M57/M45	537/1154*/2168	Covered by 25380.	QM = 5 mg/kg in fp (expressed as epoxy)	S2(25359)/Covered by 25360.		+
	22428	51000-52-3	*NEODECANOIC ACID, VINYL ESTER	7	B1S/B2/B3	M57/M48/M45/M42	482,933/1155*/2169,2195//	Covered by 25380.	SML = 0.05 mg/kg	S1(10420)/Covered by 25380	+	+
	22435	54423-67-5	*NEONONANOIC ACID, VINYL ESTER	7	Bx	M57/M48/M45	537,933/1156*/2170,2195//	Covered by 25380.	SML = 0.05 mg/kg	S2(10224)/Covered by 25380		+
	22437	00126-30-7	*NEOPENTYLGLYCOL		B0/B1/B2/B3				See "*2,2-DIMETHYL-1,3-PROPANEDIOL"	Same 16390	+	+
	22440	93820-32-7	*NEOUNDECANOIC ACID, VINYL ESTER	7	Bx	M57/M48/M45	537,933/1213*/2171,2195//	Covered by 25380.	SML = 0.05 mg/kg	S2(10224)/Covered by 25380		+
	22450	09004-70-0	NITROCELLULOSE	3	A0/A1/A2	M35/R17		(SCF, 6th Series, 1978).			+	+
	22465	00112-05-0	*NONANOIC ACID	8	B1S/D2	M42	482/			S1(10480)	+	+
	22480	00143-08-8	1-NONANOL	3	A0/A1/A2	M36/R17		See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C22)" (PM/REF.N. 12375) in SCF list 3.			+	+
	22510	27215-95-8	*NONENE	8	B0/D1	R17	509/				+	+
	22535	25154-52-3	*NONYLPHENOL	9	Bx/Dx	M43	503/			Cov.by 12576		+
	22538	00136-83-4	*2-NONYLPHENOL	8	Dx	M43	537/			S2(22535)		+
	22540	00104-40-5	*4-NONYLPHENOL	8	B0/B1/B2/B3	R17	509/801*/1692*			MF,PF,UF	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	22545	00121-46-0	2,5-NORBORNADIENE						See "13177"	Same 13177		+
	22550	00498-66-8	*NORBORNENE		B0/D1				See 13180	Same 13180	+	
	22555	00112-92-5	1-OCTADECANOL	3	Ax/Dx	M43	503/	See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C22)" (PM/REF.N.12375) in SCF list 3.		D because cov.by 12375		+
	22570	00112-96-9	OCTADECYL ISOCYANATE	4A	A0/A1/A2 +	R17		See references for 3,3'-dimethyl-4,4'-diisocyanatobiphenyl.	QM(T1)= 1 mg/kg in FP (as NCO)	PA	+	+
	22580	00930-02-9	*OCTADECYL VINYL ETHER	7	B0/D1	M48/M45 /M28/R2 0	509,933/	Needed: hydrolysis data.	SML = 0.05 mg/kg	PVC,PVE	+	+
	22585	03710-30-3	*1,7-OCTADIENE	8	B1S/B2/B 3	M42	482/1150*/			S1(12520)	+	+
	22596	00629-41-4	*1,8-OCTANEDIOL	8	Dx	M43	537/			S2(12430)		+
	22600	00111-87-5	1-OCTANOL	3	A0/A1/A2	M36/R19		See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C22)" (PM/REF.N. 12375) in SCF list 3.			+	+
	22630	25377-83-7	*OCTENE (except 1-OCTENE)	8	B0/D1	R17	509/			Z	+	+
	22660	00111-66-0	1-OCTENE	2	A0/A1/A2	M27/R19	9,19,34/	t-TDI: 0.25 mg/kg b.w. pending results of fertility and teratogenicity studies. Available: a 90-day oral rat study and mutagenicity studies. (CIVO rep. V86.408/251091, 26 September 1986).	SML= 15 mg/kg		+	+
	22675	00111-86-4	*OCTYLAMINE	8	Dx	M43						+
	22690	01806-26-4	*4-OCTYLPHENOL	8	B0/B1/D2	R17	509/805*/			MF,PF,UF	+	+
	22720	00140-66-9	*4-tert-OCTYLPHENOL	8	B0/B1/B2 /B3	R17	1839+ (RIVM?)				+	+
	22750	00929-62-4	*OCTYL VINYL ETHER	7	B0/D1	M48/M45 /R19	933/	Needed: hydrolysis data.	SML = 0.05 mg/kg	PVC,PVE	+	+
	22755	08016-35-1	*OITICICA OIL	8	Bx	M52/M43	503/1220//	Not food fat.		Cov.by 16713		+
	22757	-	*OITICICA OIL FATTY ACIDS, AND THEIR DIMERS	D	Dx	M52/M43	503/1220//					+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
22757/0		OITICICA OIL FATTY ACIDS (Food grade quality)	D	Dx	M52/M47	1079//					+
22757/1		*OITICICA OIL FATTY ACIDS	8/D	Dx	M52/M47	1079//	It is not an oil from food sources.				+
22757/2		*OITICICA OIL FATTY ACIDS (food grade quality), DIMERS	D	Dx	M52/M47	1079//					+
22757/3		*OITICICA OIL FATTY ACIDS, DIMERS	8/D	Dx	M52/M47	1079//			D as dimers of single acid listed		+
22763	00112-80-1	OLEIC ACID	1	A1S/A2	M43	537/1121*/	ADI : not specified. (SCF, 25th Series, 1990).		S2(10596)/Same 69040	+	+
22764	07049-68-5	*OLEIC ACID, DIMER	8	Dx	M43	537/			S2(10598)		+
22766	00143-28-2	OLEYL ALCOHOL	3	Ax	M43	503/	Precursor of oleic acid.		Same 69760		+
22769		*OLIVE OIL FATTY ACIDS, AND THEIR DIMERS	D	Dx	M52/M43	537//			S2(10596)(10598)		+
22769/0		OLIVE OIL FATTY ACIDS (Food grade quality)	D	Dx	M52/M47	1079//					+
22769/1		OLIVE OIL FATTY ACIDS	3/D	Dx	M52/M47	1079//	Constituents of food fats.				+
22769/2		*OLIVE OIL FATTY ACIDS (food grade quality), DIMERS	D	Dx	M52/M47	1079//					+
22769/3		*OLIVE OIL FATTY ACIDS, DIMERS	8/D	Dx	M52/M47	1079//			D as dimers of single acid listed		+
22770		OLIVE OIL FATTY ACIDS, AND THEIR DIMERS (food grade quality)	D	Dx	M52/M47 /M43	960//			Same 22769		+
22775	00144-62-7	OXALIC ACID	2	Ax	M43		TDI : 0.1 mg/kg b.w. 2-year oral rat study, observations in man. (J. Am. Pharm. Ass. 1947, 36, 217-219, Patty).	SML = 6 mg/kg	Same 69920		+
22780	00057-10-3	PALMITIC ACID	1	A0/A1/A2	M40/R17		ADI: not specified. (SCF, 25th Series, 1990).			+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
22785	00373-49-9	PALMITOLEIC ACID	0	Ax	M43	537/			S2(10596)		+
22790		*PALM KERNEL OIL FATTY ACIDS, AND THEIR DIMERS	D	Dx	M52/M43	537//			S2(P10596)(10598)		+
22790/0		PALM KERNEL OIL FATTY ACIDS (Food grade quality)	D	Dx	M52/M47	1079//					+
22790/1		PALM KERNEL OIL FATTY ACIDS	3/D	Dx	M52/M47	1079//	Constituents of food fats.				+
22790/2		PALM KERNEL OIL FATTY ACIDS (food grade quality), DIMERS	D	D	M52						+
22790/3		*PALM KERNEL OIL FATTY ACIDS, DIMERS	8/D	Dx	M52/M47	1079//					+
22791		PALM KERNEL OIL FATTY ACIDS, AND THEIR DIMERS (Food grade quality)	D	Dx	M52/M47 /M43	960//			Same 22795		+
22795		*PALM OIL FATTY ACIDS, AND THEIR DIMERS	D	Dx	M52/M43	537/1220//			S2(10596)(10598)		+
22795/0		PALM OIL FATTY ACIDS (Food grade quality)	D	Dx	M52/M47	1079//					+
22795/1		PALM OIL FATTY ACIDS	3/D	Dx	M52/M47	1079//	Constituents of food fats.				+
22795/2		*PALM OIL FATTY ACIDS (food grade quality), DIMERS	D	Dx	M52/M47	1079//					+
22795/3		*PALM OIL FATTY ACIDS, DIMERS	8/D	Dx	M52/M47	1079//			D as dimers of single acid listed		+
22796		PALM OIL FATTY ACIDS, AND THEIR DIMERS (Food grade quality).	D	Dx	M52/M47 /M43	960//			Same 22795		+
22800	00501-24-6	*3-PENTADECYLPHENOL	8	Dx	M43	503/					+
22810	00504-60-9	*1,3-PENTADIENE	8	B0/D1	R17	509/			PO	+	+
22811	00591-93-5	*1,4-PENTADIENE	8	B1S/D2	M42	482,503/			S1(12520)	+	+
22840	00115-77-5	PENTAERYTHRITOL	2	A0/A1/A2	R17		Group TDI: 1 mg/kg b.w. (with dipentaerythritol).			+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								See references for dipentaerythritol.				
	22842	02590-16-1	*PENTAERYTHRITOL DIALLYL ETHER	6A	B1S/D2	M48/M45 /M42	482,503/		SML = 0.05 mg/kg	S1(16810)	+	+
	22844	?	*PENTAERYTHRITOL MONOALLYL ETHER	6A	Bx	M48/M45	503/		SML = 0.05 mg/kg	Cov.by 16810		+
	22846	01471-17-6	*PENTAERYTHRITOL TRIALLYL ETHER	6A	Bx	M48/M45	503/		SML = 0.05 mg/kg	Cov.by 16810		+
	22848	04067-16-7	*PENTAETHYLENEHEXAMINE	8	Bx	M43	1407*/					+
	22853	03030-47-5	*N,N,N',N',N''-PENTAMETHYLDIETHYLENETRIAMINE	8	Bx	M43	1009*/1557					+
	22858	05343-92-0	*1,2-PENTANEDIOL	8	B1S/D2	M42	482/			S1(12430)	+	+
	22861	00111-29-5	*1,5-PENTANEDIOL	8	B1S/D2	M42	482/			S1(12430)	+	+
	22864	00625-69-4	*2,4-PENTANEDIOL	8	Dx	M43	537/			S2(12430)		+
	22867	00109-52-4	PENTANOIC ACID	0	Ax	M43	537/			S2(10576)		+
	22870	00071-41-0	1-PENTANOL	3	A0/A1/A2	M36/R17		See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C22)" (PM/REF.N. 12375) in SCF list 3.			+	+
	22900	00109-67-1	*1-PENTENE	7	B0/B1/B2 /B3	M49/R17	1893+/	Available : migration data, 2 mutagenicity tests negative. Needed: gene mutation in mammalian cells.		Studies ongoing.	+	+
	22901	00109-68-2	*2-PENTENE	8	B1S/D2	M42	482/			S1(12550)	+	+
	22908	00646-04-8	*trans-2-PENTENE	8	Dx	M43	503/					+
	22912	00627-19-0	*1-PENTYNE	8	Dx	M45/M41	351/				+	
	22930	-	*PERFLUOROALKYL (C1-C3) PERFUOROVINYL ETHERS	9	B0/D1	M48/M45 /M28/R20	482,866/		SML = 0.05 mg/kg	PTFE	+	+
	22932	01187-93-5	*PERFLUOROMETHYL PERFLUOROVINYL ETHER	6A	B1S/B2/B3	M48/M45	789*/947bis/		SML = 0.05 mg/kg	S1(22930)	+	+
	22935	03823-94-7	*PERFLUOROMETHYL VINYL ETHER	7	B1S/D2	M48/M45 /M42	482,933/	Needed: provided hydrolysis can be demonstrated, data on perfluoromethanol are requested.	SML = 0.05 mg/kg	S1(22930)	+	+
	22937	01623-05-8	*PERFLUOROPROPYL PERFLUOROVINYL ETHER	6A	B1S/B2/B	M48/M45	788*/		SML = 0.05 mg/kg	S1(22930)	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
					3							
	22940	06996-01-6	*PERFLUOROPROPYL VINYL ETHER	7	B1S/D2	M48/M45 /M42	482,503,93 3/	Needed: provided hydrolysis can be demonstrated, data on perfluoropropanol are requested.	SML = 0.05 mg/kg	S1(22930)	+	+
	22945	68132-21-8	PERILLA OIL	3	Ax	M52/M43	503//	Food fat.		Cov.by 16713		+
	22950	-	*PERILLA OIL FATTY ACIDS, AND THEIR DIMERS	D	Dx	M52/M43	503//					+
	22950/ 0		PERILLA OIL FATTY ACIDS (Food grade quality)	D	Dx	M52/M47	1079//					+
	22950/ 1		PERILLA OIL FATTY ACIDS	3/D	Dx	M52/M47	1079//	Constituents of food fats.				+
	22950/ 2		*PERILLA OIL FATTY ACIDS (food grade quality), DIMERS	D	Dx	M52/M47	1079//					+
	22950/ 3		*PERILLA OIL FATTY ACIDS, DIMERS	8/D	Dx	M52/M47	1079//			D as dimers of single acid listed		+
	22960	00108-95-2	PHENOL	2	A0/A1/A2	R17		TDI: 1.5 mg/kg b.w. 90-day oral studies in mice and rats, multigeneration studies oral in rats and 2-year studies oral in mice and rats. (NTP 80-15, NIH Tech. report 203, J. Pharm. Exp. Ther. 184, 1973, 695).			+	+
	22990	-	*PHENOLS, MONO- AND DIHYDRIC, ALKOXYLATED OR HYDROGENATED	9	B0/D1	M28/R20	482/			UP	+	+
	23005	-	*PHENYL-o-CRESOL	9	Bx/Dx	M43	503/					+
	23020	28994-41-4	*alpha-PHENYL-o-CRESOL	8	B0/D1	R17	509/			MF,PF,UF	+	+
	23050	00108-45-2	1,3-PHENYLENEDIAMINE	4A	A0/A1/A2	M40/M37 /R19	10,209/	Since the data on carcinogenicity by the oral route were inadequate and the substance demonstrated some genotoxic potential, it is only acceptable for use provided there is no detectable migration into food by an agreed sensitive method.	QM= 1 mg/kg in FP	PA	+	+
+	23060	00104-49-4	1,4-PHENYLENE DIISOCYANATE	4A	Ax	M57	2218//		QM(T1) = 1 mg/kg in FP (as NCO)			+
	23080	01079-21-6	*PHENYLHYDROQUINONE	8	B0/D1	M29/R20	44,509/			PAR	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	23110	58244-28-3	*PHENYLHYDROQUINONE DIACETATE	8	B0/D1	M29/R20	509/			PAR	+	
	23125	00103-71-9	PHENYL ISOCYANATE	4A	Ax	M43		Isocyanates can hydrolyse to corresponding amines. Some aromatic amines are carcinogenic.	QM(T1) = 1 mg/kg in FP (expressed as NCO)			+
	23140	00092-69-3	*4-PHENYLPHENOL	8	B0/B1/D2	M40/R17	764*/			MF,PF,UF	+	+
	23155	00075-44-5	PHOSGENE		A0/A1/A2				See "CARBONYL CHLORIDE"	Same 14380	+	+
	23170	07664-38-2	PHOSPHORIC ACID	1	A0/A1/A2	R17		MTDI: 70 mg/kg b.w. (as P). (SCF, 25th Series, 1990).		PETh,PUR	+	+
	23173	01314-56-3	PHOSPHORIC ANHYDRIDE	1	Ax	M43	503/	MTDI : 70 mg/kg b.w. (as P). (SCF, 25th Series, 1990).				+
	23178	00101-02-0	*PHOSPHOROUS ACID, TRIPHENYL ESTER	8	Dx	M43						+
	23185	-	*PHTHALIC ACIDS		B0/B1/B2 /B3				See ""Iso OR *o-PHTHALIC ACID"	Same 19150,23200	+	+
	23187	-	PHTHALIC ACID		A0/A1/A2				See "TEREPHTHALIC ACID"	Same 24910	+	
	23200	00088-99-3	o-PHTHALIC ACID	2	B0/A1/A2	M45/R17	700*/	Group TDI: 1 mg/kg b.w. Included in the group TDI for phthalic anhydride.			+	+
	23215	-	*PHTHALIC ACIDS, CHLORINATED	9	Bx/Dx	M43	503/			Cov.by 23290		+
	23230	00131-17-9	PHTHALIC ACID, DIALLYL ESTER	4A	B0/A1/A2	M45/R17	509,621*,856/	Genotoxic carcinogen (mouse and rat). (RIVM doc. 91/679112/001).	SML = 0.01 mg/kg	Same AD	+	+
	23260	00088-95-9	*o-PHTHALIC ACID DICHLORIDE	7	B0/D1	R17		Needed: hydrolysis data.		UP	+	
	23290	-	*PHTHALIC ACID, HALOGENATED DERIVATIVES	9	B0/D1	R17	482/			UP	+	+
	23320	-	*PHTHALIC ACIDS, HYDROGENATED	9	B0/D1	R17	482/			UP	+	+
	23350	-	*PHTHALIC ACIDS, HYDROGENATED, SUBSTITUTED, ENDOSUBSTITUTED, AND THEIR HALOGENATED DERIVATIVES	9	B0/D1	M23/R19	482/				+	+
	23380	00085-44-9	PHTHALIC ANHYDRIDE	2	A0/A1/A2	M45/R17		Group TDI: 1 mg/kg b.w. (SCF, 17th Series, 1986).			+	+
	23410	-	*PHTHALIC ANHYDRIDE, HYDROGENATED	9	B0/D1	R17	482/			UP	+	+
	23440	00111-16-0	*PIMELIC ACID	8	B0/D1	R17					+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	23470	00080-56-8	alpha-PINENE	3	A0/A1/A2	R17		Occurs naturally in food. Used as a flavour. Migration into food would be self-limiting, because of its taste. (Fd Cosmetic Tox. 16, 1978 suppl. 1, 853).			+	+
	23500	00127-91-3	beta-PINENE	3	A0/A1/A2	R17		Occurs naturally in food. Used as a flavour up to 600 mg/kg of food. Migration into food would be self-limiting because of its taste. (Food Cosmet. Toxicol. 16 (suppl.1) 1978, 859-861).			+	+
	23505	00110-85-0	PIPERAZINE	3	Ax	M53/M43	503/1362*/ /	Migration negligible. Only for use as a constituent of composite nanofiltration membrane.	Only for use as a constituent of composite nanofiltration membrane.			+
	23510	01574-41-0	*cis-PIPERYLENE	8	Dx	M43	503/					+
	23515	09003-17-2	*POLYBUTADIENE	9	Bx/Dx	M43	503/					+
	23518	-	*POLYBUTADIENE, EPOXIDIZED	9	Bx/Dx	M45	503/		QM = 5 mg/kg in fp (expressed as epoxy)			+
	23523	25038-44-2	*POLY(1-BUTENYLENE)	8	Dx	M43						+
+	23530	25190-06-1	*POLY(1,4-BUTYLENEGLYCOL)(MOLECULAR WEIGHT GREATER THAN 1000)	7	B0/B1/B2 /B3	M56/R17	1894+//	Needed: molecular weight distribution curve.		PET,PUR/Mixt	+	+
	23533	27417-83-0	*POLY(1,4-BUTYLENEGLYCOL) BIS(4-AMINOBUTYL) ETHER	8	Dx	M43						+
	23540	?	*POLYCYCLOPENTENE	9	Bx/Dx	M43	503/					+
	23543	-	*POLYCYCLOPENTENE, EPOXIDIZED	9	Bx/Dx	M45	503/		QM = 5 mg/kg in fp (expressed as epoxy)			+
	23560	-	*POLYETHERS BASED ON ETHYLENE OXIDE, PROPYLENE OXIDE AND/OR TETRAHYDROFURAN, CONTAINING FREE HYDROXYL GROUPS	9	B0/D1	R17	443,482/			PUR	+	+
	23590	25322-68-3	POLYETHYLENEGLYCOL	2	A0/A1/A2	R17		Group TDI: 5 mg/kg b.w. (with triethyleneglycol). See references for triethyleneglycol. (SCF, 6th Series, 1978).			+	+
	23594	09004-74-4	*POLYETHYLENEGLYCOL MONOMETHYL ETHER	8	Dx	M43	537/			S2(16810)		+
+	23597	09016-45-9	*POLYETHYLENEGLYCOL NONYLPHENYL ETHER	D	D	M56/M43	1010*/2107			Deleted because		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							,2223//			it is not a monomer//Same 78400		
	23600	68131-73-7	*POLYETHYLENEPOLYAMINES	9	Bx/Dx	M45						+
	23605	65605-36-9	*POLY(ETHYLENE PROPYLENE)GLYCOL BIS (2-AMINOPROPYL) ETHER	8	Bx	M43	1225*,1273 */					+
	23610	25618-55-7	*POLYGLYCEROL	9	Bx/Dx	M43	503/			Cov.by 16810		+
	23615	29435-48-1	*POLYHYDROXYBUTYRATE (for memo BIOPOL).To be deleted here and introduced in a special annex if authorized.	W	D	M41,M42 ,M52	1820+ (Feigenbaum)			New subst.	+	
	23620	-	*POLYOLS DERIVED FROM PHENOLS AND BISPHENOLS, HYDROGENATED AND/OR CONDENSED WITH EPOXYALKANES AND/OR ARYLEPOXYALKANES POSSIBLY HALOGENATED, ALKOXYLATED, ARYLOXYLATED	9	B0/D1	M23/R19	482/				+	
	23635	68442-33-1	*POLYPROPYLENE, CHLORINATED	9	Bx/Dx	M43	503/					+
+	23650	25322-69-4	POLYPROPYLENEGLYCOL	2-P	A0/A1/A2 /A3+	R17	(Rossi)	Group TDI: 1.5 mg/kg b.w. (with dipropyleneglycol). See references for dipropyleneglycol.	Mw greater 400 and 1,3-propyleneglycol less than or equal 1% (w/w)	PAM,PUR,PVDC	+	+
	23660	39423-51-3	*POLYPROPYLENEGLYCOL 2-AMINOPROPYL ETHER,ETHER WITH 1,1,1-TRIMETHYLOLPROPANE	8	Bx	M43	1225*,1274 *,1358*/					+
	23670	09046-10-0	*POLYPROPYLENEGLYCOL BIS(2-AMINOPROPYL)ETHER	8	Bx	M43	1358*/					+
	23680	09002-89-5	*POLYVINYLALCOHOLS	D	B0/D1	M45/R17	1821+,2239 (Bohme)				+	+
	23710	63148-65-2	*POLYVINYLBUTYRALS	9	B0/D1	M45/R17	449,482,93 3/1340*/				+	+
	23720	09003-33-2	*POLYVINYLFORMAL	9	Bx/Dx	M45	503,933/					+
	23730	08002-11-7	POPPYSEED OIL	3	Ax	M52/M43	503//	Food fat.		Cov.by 16713		+
	23731	08002-11-7	POPPYSEED OIL (Food grade quality)	D	Dx	M52/M43						+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	23733	-	*POPPYSEED OIL FATTY ACIDS, AND THEIR DIMERS	D	Dx	M52/M43	503//					+
	23733/0		POPPYSEED OIL FATTY ACIDS (Food grade quality)	D	Dx	M52/M47	1079//					+
	23733/1		POPPYSEED OIL FATTY ACIDS	3/D	Dx	M52/M47	1079//	Constituents of food fats.				+
	23733/2		*POPPYSEED OIL FATTY ACIDS (food grade quality), DIMERS	D	Dx	M52/M47	1079//					+
	23733/3		*POPPYSEED OIL FATTY ACIDS, DIMERS	8/D	Dx	M52/M47	1079//			D as dimers of single acid listed		+
	23734	-	POPPYSEED OIL FATTY ACIDS, AND THEIR DIMERS (Food grade quality).	D	Dx	M52/M47 /M43	960//			Same 23733		+
	23740	00057-55-6	1,2-PROPANEDIOL	1	AO/A1/A2	R17		ADI: 25 mg/kg b.w. (JECFA 17 M., 1973).			+	+
+	23770	00504-63-2	*1,3-PROPANEDIOL	7	BO/B1/B2 /B3	M54/M50 /R17	1840+,2057 //2108//	Available: oral teratogenicity study in rats, migration low. Needed : mutagenicity studies according SCF guidelines. Presentation of analytical data should be according to "Practical Guide N.1"		PUR	+	+
	23800	00071-23-8	1-PROPANOL	3	AO/A1/A2	R17		(SCF, 11th Series, 1981; JECFA 25 M.).			+	+
	23830	00067-63-0	2-PROPANOL	1	AO/A1/A2	R17		t-ADI: 1.5 mg/kg b.w. (SCF, 11th Series, 1981)			+	+
	23845	00499-12-7	*1,2,3-PROPENETRICARBOXYLIC ACID		Bx				See "ACONITIC ACID"	Same 10615		+
	23847		*1,2,3-PROPENETRICARBOXYLIC ACID, METHYL ESTER				503/		See "ACONITIC ACID, METHYL ESTERS"	Same 10620		+
	23860	00123-38-6	PROPIONALDEHYDE	3	AO/A1/A2	M24/R17		Occurs naturally in food. Used as a flavour up to 13 mg/kg of food. Migration into food will be self-limiting because of its taste.			+	+
	23890	00079-09-4	PROPIONIC ACID	1	AO/A1/A2	R17		Group ADI: not specified. (SCF, 1st Series, 1974).			+	+
	23920	00105-38-4	*PROPIONIC ACID, VINYL ESTER	7	BO/B1/B2	M48/M45	509,695*/1	Needed: hydrolysis data.		PS,PVC	+	+

LIST OF MONOMERS AND OTHER STARTING SUBSTANCES FOR PLASTICS AND COATINGS UPDATED TO 15 MAY 1994

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
				/B3	/M25/R19	318/					
23950	00123-62-6	PROPIONIC ANHYDRIDE	1	A0/A1/A2	M23/R19		Group ADI: included in the ADI not specified for propionic acid.(SCF, 1st Report, 1974).			+	
23960	38779-95-2	*N-(PROPOXYMETHYL)ACRYLAMIDE	6A	BxS	M48/M44	537/		SML = 0.05 mg/kg	S2(16840)		+
23970		*N-PROPYLACRYLAMIDE	6A	BxS	M48/M44	537/		SML = 0.05 mg/kg	S2(12563)		+
23980	00115-07-1	PROPYLENE	3	A0/A1/A2	R17		Residues of this gas in plastics are very small. The gas has a low toxic potential. Migration into food will be toxicologically negligible.(Patty's Industrial Hygiene and Toxicology, 3rd ed., 1981).			+	+
23995	00108-32-7	*PROPYLENE CARBONATE	8	Bx	M43	1011*/					+
24010	00075-56-9	PROPYLENE OXIDE	4A	A0/A1/A2	R17		Mutagenic in several studies. Induces forestomach tumours in rats after oral administration. (Brit. J. Cancer 1982, 46, 924).	QM = 1 mg/kg in FP		+	+
24015	50995-95-4	*2-PROPYLIMIDAZOLE	8	Bx	M43	1196*,1225*/					+
24017	26998-80-1	*PROPYLPHENOL	9	Bx	M50	1489c/	Specify which isomer is used.		S2(12576)		+
24020	00644-35-9	*2-PROPYLPHENOL	8	Dx	M43	537/			S2(12576)		+
24021	00621-27-2	*3-PROPYLPHENOL	8	DxS	M43	537/			S2(12576)		+
24022	00645-56-7	*4-PROPYLPHENOL	8	Dx	M43	537/			S2(12576)		+
24040	00764-47-6	*PROPYL VINYL ETHER	7	B0/D1	M48/M45/R17	509,933/	Needed: hydrolysis data.	SML = 0.05 mg/kg	PVC,PVE	+	+
24045	08016-49-7	PUMPKINSEED OIL	3	Ax	M52/M43	503//	Food fat.				+
24046	08016-49-7	PUMPKINSEED OIL (Food grade quality)	D	Dx	M52/M43						+
24047	-	*PUMPKINSEED OIL FATTY ACIDS, AND THEIR DIMERS	D	Dx	M52/M43	503//					+
24047/0		PUMPKINSEED OIL FATTY ACIDS (Food grade quality)	D	Dx	M52/M47	1079//					+
24047/1		PUMPKINSEED OIL FATTY ACIDS	3/D	Dx	M52/M47	1079//	Constituents of food fats.				+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
24047/2		*PUMPKINSEED OIL FATTY ACIDS (food grade quality), DIMERS	D	Dx	M52/M47	1079//					+
24047/3		*PUMPKINSEED OIL FATTY ACIDS, DIMERS	8/D	Dx	M52/M47	1079//			D as dimers of the single acids listed		+
24048	-	PUMPKINSEED OIL FATTY ACIDS, AND THEIR DIMERS (Food grade quality)	D	Dx	M52/M47 /M43	960//			Same 24047		+
24051	00120-80-9	PYROCATECHOL		A0/A1/A2				See "1,2-DIHYDROXYBENZENE"	Same 15880	+	
24055	00089-05-4	PYROMELLITIC ACID	3	Ax	M50/M43	503,1421/	R: 0.05 mg/kg in food. Same references as pyromellyitic anhydride.	SML = 0.05 mg/kg	Same 13040		+
24057	00089-32-7	PYROMELLITIC ANHYDRIDE	3	A2	M51/M48	1112/1499/	R: 0.050 mg/kg in food. Available data: 3 requested mutagenicity, studies negative, no bioaccumulation, migration less than 0.05 mg/kg in all food simulants.	SML = 0.05 mg/kg (expressed as pyromellitic acid)	New subst.	+	
24060	-	*QUATERNARY AMMONIUM SALTS OF N,N-DIALKYL(C1-C4)AMINOALKYL(C2-C8) ACRYLATE OR METHACRYLATE WITH ACETIC ACID, BENZENESULPHONIC ACID, HYDROBROMIC ACID, CHLOROSULPHONIC ACID, AND HYDROCHLORIC ACID	9	Bx/Dx	M43	503/					+
24065		*RAPESEED OIL FATTY ACIDS, AND THEIR DIMERS	D	Dx	M52/M43	537//			S2(10596)(10598)		+
24065/0		RAPESEED OIL FATTY ACIDS (Food grade quality)	D	Dx	M52/M47	1079//					+
24065/1		RAPESEED OIL FATTY ACIDS	3/D	Dx	M52/M47	1079//	Constituents of food fats.				+
24065/2		*RAPESEED OIL FATTY ACIDS (food grade quality), DIMERS	D	Dx	M52/M47	1079//					+
24065/3		*RAPESEED OIL FATTY ACIDS, DIMERS	8/D	Dx	M52/M47	1079//			D as dimers of the single acids listed		+
24066		RAPESEED OIL FATTY ACIDS, AND THEIR DIMERS (Food grade quality).	D	Dx	M52/M47 /M43	960//			Same 24065		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	24070	73138-82-6	RESIN ACIDS AND ROSIN ACIDS	2	A0/A1/A2	R17		Group TDI: 1 mg/kg b.w. (SCF, 17th Series, 1986).			+	+
	24072	00108-46-3	RESORCINOL		A0/A1/A2				See "1,3-DIHYDROXYBENZENE"	Same 15910	+	+
	24075	00141-22-0	RICINOLEIC ACID	2	Ax	M43		TDI : 0.7 mg/kg b.w. based on ADI for castor oil. (SCF, 7th Series, 1978).		Same 83680		+
	24078	-	RICINOLEIC ACID, DEHYDRATED	3	Ax	M52/M43	503/1220//	Identical to or similar to consituents of food fats.				+
	24080		*RICINOLEIC ACID, DEHYDRATED, DIMER	8	Bx	M52/M47 ,M43	537/1220//			S2(10598)		+
	24085	-	*RICINOLEIC ACID, HYDROGENATED	D	D					Same 18900		+
+	24100	08050-09-7	ROSIN	2	A0/A1/A2	R17		Group TDI: 1 mg/kg b.w. (SCF, 17h Series, 1986).		Same 14687	+	+
	24115	08050-31-5	ROSIN, ESTER WITH GLYCEROL	1	Ax	M50	503,1623/	ADI: 12.5 mg/kg bw. (SCF,.....see cs/pm/1623).		Same 84000		+
+	24130	08050-09-7	ROSIN GUM	2-D	A0/A1/A2 /D3A	R17		Group TDI: 1 mg/kg b.w. (SCF, 6th Series, 1978).		Same as 24100	+	+
	24140	-	*ROSIN, HYDROGENATED, ESTERS WITH ALCOHOLS, POLYHYDRIC, C3-C6	9	Bx/Dx	M43	503/					+
	24150	65997-05-9	*ROSIN, POLYMERIZED	9	Bx/Dx	M43	503/					+
	24160	08052-10-6	ROSIN TALL OIL	3	A0/A1/A2	M52/R17					+	+
	24190	09014-63-5	ROSIN WOOD	2	A0/A1/A2	R17		Group TDI: 1 mg/kg b.w. (SCF, 6th Series, 1978).			+	+
	24220	09006-03-5	*RUBBER, CHLORINATED	9	B0/D1	R17	482/				+	
	24250	09006-04-6	RUBBER, NATURAL	3	A0/A1/A2	M36/R17		Migration unlikely.			+	
	24260	08001-23-8	SAFFLOWER OIL	3	Ax	M52/M43	503/1220//	Food fat.		Cov.by 16713		+
	24261	08001-23-8	SAFFLOWER OIL (Food grade quality)	D	Dx	M52/M43						+
	24262	-	*SAFFLOWER OIL FATTY ACIDS, AND THEIR DIMERS	D	Dx	M52/M43	503/1220//					+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	24262/0		SAFFLOWER OIL FATTY ACIDS (Food grade quality)	D	Dx	M52/M47	1079//					+
	24262/1		SAFFLOWER OIL FATTY ACIDS	3/D	Dx	M52/M47	1079//	Constituents of food fats.		D as single acids listed		+
	24262/2		*SAFFLOWER OIL FATTY ACIDS (food grade quality), DIMERS	D	Dx	M52/M47	1079//					+
	24262/3		*SAFFLOWER OIL FATTY ACIDS, DIMERS	8/D	Dx	M52/M47	1079//			D as dimers of the single acids		+
	24263	-	SAFFLOWER OIL FATTY ACIDS, AND THEIR DIMERS (Food grade quality).	D	Dx	M52/M47 /M43	960//			Same 24262		+
	24270	00069-72-7	SALICYLIC ACID	3	A1/A2	M43	942/	Naturally occurring in food in low concentration.		Same 84640	+	+
	24275	09000-57-1	*SANDARAC	9	Bx/Dx	M43	503/					+
	24280	00111-20-6	SEBACIC ACID	2	A0/A1/A2	R17		Group TDI: 3 mg/kg b.w. (SCF, 17th Series 1986).			+	+
	24310	00111-19-3	*SEBACIC ACID DICHLORIDE	7	B0/D1	R17		Needed: migration and hydrolysis data. Pending these results necessity for a 28-day oral study and further studies to be considered.			+	+
+	24340	02432-89-5	*SEBACIC ACID, DI-n-DECYL ESTER	6B	B0/D1	M54/M46 /R17	2117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tp)= 3 mg/kg	UP	+	+
+	24370	00106-79-6	*SEBACIC ACID, DIMETHYL ESTER	6B	B0/B1/B2 /B3+	M54/M46 /M40/R17	784*/2117/ /	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tp)= 3 mg/kg	PET,UP/To be del.in 3 amendm	+	+
	24400	02918-18-5	*SEBACIC ACID, DIPHENYL ESTER	8	B0/D1	M53/M46 /R17	956//			PET,PUR	+	+
	24430	02561-88-8	SEBACIC ANHYDRIDE	2	B0/A1/A2	M45/R17		Group TDI : 3 mg/kg b.w. Included in the group TDI for sebacic acid.			+	+
	24435	08008-74-0	SESAME OIL	3	Ax	M52/M43	503//	Food fat.				+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
24436	08008-74-0	SESAME OIL (Food grade quality)	D	Dx	M52/M43						+
24437	-	*SESAME OIL FATTY ACIDS, AND THEIR DIMERS	D	Dx	M52/M43	503//					+
24437/0		SESAME OIL FATTY ACIDS (Food grade quality)	D	Dx	M52/M47	1079//					+
24437/1		SESAME OIL FATTY ACIDS	3/D	Dx	M52/M47	1079//	Constituents of food fats.		D as single acids listed		+
24437/2		*SESAME OIL FATTY ACIDS (food grade quality), DIMERS	D	Dx	M52/M47	1079//					+
24437/3		*SESAME OIL FATTY ACIDS, DIMERS	8/D	Dx	M52/M47	1079//			D as dimers of single acids listed		+
24438	-	SESAME OIL FATTY ACIDS, AND THEIR DIMERS (Food grade quality)	D	Dx	M52/M47 /M43	960//			Same 24437		+
24440	09000-59-3	SHELLAC	1	Ax	M43	503/	ADI: Acceptable. (SCF, 26th Series, 1992).				+
24445	-	*SILANOLS CONTAINING AT LEAST ONE HYDROXYL GROUP AND ONE OR MORE METHYL GROUPS ON EACH SILICON ATOM	9	Bx/Dx	M43	503/					+
24460	00124-41-4	SODIUM METHANOLATE	D	Dx	M35/M25				PVAC/Cov.by 21550	+	+
24475	01313-82-2	SODIUM SULPHIDE	3	A2	M43	503,1579/	Organoleptically self limiting.			+	+
24490	00050-70-4	SORBITOL	1	A0/A1/A2	R17		Acceptable. (SCF, 16th Series, 1985).			+	+
24520	08001-22-7	SOYBEAN OIL	3	A0/A1/A2	M52/R17		Food fat.			+	+
24525		*SOYBEAN OIL FATTY ACIDS, DIMERS	8/D	Dx	M52/M43	537/1220//			S2(10598)/D as dimers of single acid are listed		+
24526		SOYBEAN OIL FATTY ACIDS (food grade quality), DIMERS	D	Dx	M52/M47 /M43	960//			Cov.by 24525/0		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	24540	09005-25-8	STARCH, EDIBLE	0	A2	M50	1625//			Same 88800/New subst.	+	
	24550	00057-11-4	STEARIC ACID	1	A0/A1/A2	M40/R17		ADI: not specified. (SCF, 25th Series, 1990).			+	+
	24560	00111-63-7	*STEARIC ACID, VINYL ESTER	8	B1S/B2/B3	M52/M48/M45/M42	1895+//	Hydrolysis negligible (CS/PM/1895).	SML = 0.05 mg/kg	S1(10420)	+	+
	24610	00100-42-5	STYRENE	4B	A0/A1/A2	M46/M41/R17	428,475/915,994/1594,2076,2233	Several oral studies performed: 6-month rat, 19-month dog, carcinogenicity in mice (3) and in rats (4), 3-generation reproduction and teratogenicity in rats. Mutagenicity studies positive only with activation. (RIVM doc. 1990-05-03 (CS/PM/428), BGA doc. 1990-07-17 (CS/PM/475), CS/PM/915). NOTA BENE: the wg wishes to establish a limit for styrene in food and asked the Commission to provide migration data. The wg of the SCF has the intention to recommend to the Commission a ban for styrene in oven ware due to unacceptably high migration.		X	+	+
	24640	-	*STYRENE SUBSTITUTED BY ALKYL GROUPS (alpha)	9	B0/D1	M48/M45/M23/R19	482/		SML = 0.05 mg/kg		+	
	24670	-	*STYRENE SUBSTITUTED IN THE BENZENE RING	9	B0/D1	M48/M45/M23/R19	482/		SML = 0.05 mg/kg		+	
	24700	-	*STYRENE SUBSTITUTED BY HALOGENS (alpha or beta)	9	B0/D1	M48/M45/M23/R19	482/		SML = 0.05 mg/kg		+	
	24730	-	*STYRENE SUBSTITUTED IN THE VINYL GROUP	9	B0/D1	M48/M45/M23/R19	441,482/		SML = 0.05 mg/kg		+	
+	24760	26914-43-2	*STYRENESULPHONIC ACID	7	B0/B1/B2/B3	M54/M48/M45/R17	1896+,2087//	Available: mutagenicity tests, migration low at normal temperature. Needed: report on Ames test, migration data from high temperature testing.	SML = 0.05 mg/kg		+	+
	24790	00505-48-6	*SUBERIC ACID	8	B0/D1	R17	509/			PA	+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
24820	00110-15-6	SUCCINIC ACID	1	A0/A1/A2	M45/R17		ADI: not specified. (SCF, 25th Series, 1990).			+	+
24835	00106-65-0	*SUCCINIC ACID, DIMETHYL ESTER	7	Dx	M43	537/	Needed : hydrolysys data.		S2(10240)		+
24850	00108-30-5	SUCCINIC ANHYDRIDE	2	B0/A1/A2	M45/R17	701*/	TDI : not specified based on ADI (=not specified) for succinic acid.			+	+
24880	00057-50-1	SUCROSE	0	A0/A1/A2	R17					+	+
24885	05329-14-6	*SULPHAMIC ACID	8	Dx	M43						+
24887	06362-79-4	5-SULPHOISOPHTHALIC ACID, MONOSODIUM SALT	3	A1/A2/	M50/M46	917,968/15 04,1573,15 90/	R: 5 mg/kg in food. 90-day oral rat study, 3 mutagenicity studies negative, bioaccumulation and migration data. (Rivm summary data, May 1992 (CS/PM/1590)).	SML = 5 mg/kg	New mon./Ref_N 12998 is changed into 24887	+	
24888	03965-55-7	5-SULPHOISOPHTHALIC ACID, MONOSODIUM SALT, DIMETHYL ESTER	3	A2	M51	1573,1638/	R: 0.05 mg/kg in food. Available: 3 mutagenicity tests, negative. Migration data less than 0.05 mg/kg. (Rivm summary data, August 1992 (cs/pm/1638)).	SML = 0.05 mg/kg	New subst.	+	
24890	-	*SULPHOSUCCINIC ACID, MONOALLYL ESTER, SALTS	6A	Bx	M48/M45	503/		SML = 0.05 mg/kg			+
24895	08001-21-6	SUNFLOWER OIL	3	Ax	M52/M43	503/1220//	Food fat.				+
24896	08001-21-6	SUNFLOWER OIL (Food grade quality)	D	Dx	M52/M43						+
24900	-	*SUNFLOWER OIL FATTY ACIDS, AND THEIR DIMERS	D	Dx	M52/M43	503/1220//					+
24900/ 0		SUNFLOWER OIL FATTY ACIDS (Food grade quality)	D	Dx	M52/M47	1079//					+
24900/ 1		SUNFLOWER OIL FATTY ACIDS	3/D	Dx	M52/M47	1079//	Constituents of food fats.				+
24900/ 2		*SUNFLOWER OIL FATTY ACIDS (food grade quality), DIMERS	D	Dx	M52/M47	1079//					+
24900/ 3		*SUNFLOWER OIL FATTY ACIDS, DIMERS	8/D	Dx	M52/M47	1079//			D as dimers of single acid listed		+
24901	-	SUNFLOWER OIL FATTY ACIDS, AND THEIR	D	Dx	M52/M47	960//			Same 24900		+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
		DIMERS (Food grade quality)			/M43						
24905	08002-26-4	TALL OIL	3	Ax	M52/M45	503//	Not a food oil but toxicologically acceptable. (SCF, Series 17th, 198...).				+
24910	00100-21-0	TEREPHTHALIC ACID	2	A0/A1/A2	M49/R17		t-TDI: 0.125 mg/kg b.w. Available: 3-month and 2-year oral rat studies, mutagenicity test negative. Needed: full reports from CIIT and ICI. (CIIT, 1982)(UK document "Terephthalic acid: proposed use in animal foodstuffs", 1984).	SML= 7.5 mg/kg	Same 23187	+	+
24940	00100-20-9	TEREPHTHALIC ACID DICHLORIDE	2	B0/B1/A2	M50/M37 /R17	209,633*,1 304,1366/	Group TDI: 0.175 mg/Kg (as terephthalic acid) Hydrolysis (complete) data allow the allocation of the same TDI of terephthalic acid.	SML(T) = 7.5 mg/kg (as terephthalic acid)		+	+
24970	00120-61-6	TEREPHTHALIC ACID, DIMETHYL ESTER	2	A0/A1/A2	R17		TDI: 1 mg/kg b.w. 90-day oral mouse and rat studies and long-term studies in mice and rats not indicating tumour induction. (NCI Tech.report Series N. 121, 1979).			+	+
25000	01539-04-4	*TEREPHTHALIC ACID, DIPHENYL ESTER	8	B0/D1	R17	509/			PET	+	+
25030	16646-44-9	*TETRA(ALLYLOXY)ETHANE	6A	B0/B1/B2 /B3	M48/M45 /M24/R1 9	831*,980*, 1030/		SML = 0.05 mg/kg		+	
25035	13810-83-8	TETRABROMOPHTHALIC ACID	5	D	M42/M43	482/			S1(23290)	+	+
25040	05411-70-1	TETRABROMOTEREPHTHALIC ACID	5	D	M43	503/			Cov.by 23290		+
25060	00632-58-6	*TETRACHLOROPHTHALIC ACID	8	B0/D1	R17				UP	+	+
25067	21964-49-8	*1,13-TETRADECADIENE	6A	Bx	M45	550*/		SML = 0.05 mg/kg	S2(12520)		+
25070	00112-72-1	1-TETRADECANOL	3	Ax/Dx	M43	503/	See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C24-C22)" (PM/REF.N. 12375) in SCF list 3.		D because cov.by 12375		+
25080	01120-36-1	*1-TETRADECENE	8	Bx	M50	1160+/2268 /			S1(12550)	+	
25090	00112-60-7	TETRAETHYLENEGLYCOL	1	A0/A1/A2	R17		ADI: 10 mg/kg b.w. (JECFA 23 M., 1979).			+	+
25105	00112-57-2	*TETRAETHYLENEPENTAMINE	8	Bx	M43	503/1225*,			Same AD		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							1408*/					
	25120	00116-14-3	TETRAFLUOROETHYLENE	3	B0/B1/A2	M48/M31 /M45	575,589,92 5/1020/	R: 0.050 mg/kg in food. Available 3 mutagenicity studies negative. No migration data available. (Summary data from RIVM, CS/PM/925).	SML = 0.05 mg/kg	PTFE,PVAC	+	+
	25135	68889-71-4	*TETRAHYDRODICYCLOPENTADIENEDIMETHANAMIN E	8	Dx	M43						+
	25150	00109-99-9	TETRAHYDROFURAN	2	A0/A1/A2	R17		TDI: 0.01 mg/kg b.w. 6-month oral studies in mice, rats and rabbits. (Gig. Sanit. 34, 1969, 114, EPA 560/11-80-011, April 1980).	SML= 0.6 mg/kg	PUR,PVDC/X,W	+	+
	25155	29965-78-4	*TETRAHYDROPHTHALIC ACID	9	Bx/Dx	M43	503/					+
	25158	00088-98-2	*1,2,3,6-TETRAHYDROPHTHALIC ACID	8	B1S/D2	M42	482/			S1(23320)	+	+
	25161	00085-43-8	*1,2,3,6-TETRAHYDROPHTHALIC ANHYDRIDE	8	B1S/B2/B 3	M42	1897+/	1-year oral rat study inadequate. (Allied Chem. Corp. 1958).		S1(23410)	+	+
	25163	02426-02-0	*3,4,5,6-TETRAHYDROPHTHALIC ANHYDRIDE	8	Dx	M43						+
	25170	06147-62-2	*1,1,5,5-TETRAKIS[4(2,3-EPOXYPROPOXY)PHE NYL]PENTANE	6A	Bx	M45			QM = 5 mg/kg in fp (expressed as epoxy)			+
	25173	07727-33-5	*1,1,2,2-TETRAKIS(4-HYDROXYPHENYL)ETHANE	8	Dx	M43	503/					+
	25176	48229-25-0	*1,1,5,5-TETRAKIS(4-HYDROXYPHENYL)PENTAN E	8	Dx	M43						+
	25180	00102-60-3	N.N.N.'N'-TETRAKIS(2-HYDROXYPROPYL)ETHYL ENEDIAMINE	2	A0/A1/A2	R17		TDI: 1 mg/kg b.w. A 90-day oral rat study. (Hilltop Research Inst. Inc. January 3, 1956).		PUR	+	+
	25191	00126-86-3	*2,4,7,9-TETRAMETHYL-5-DECYNE-4,7-DIOL	8	Dx	M43	537/			S2(12430)		+
	25193	00110-95-2	*N,N,N',N'-TETRAMETHYL-1,3-DIAMINOPROPAN E	8	Dx	M43						+
	25201	00111-48-8	*THIODIETHYLENEGLYCOL	8	Dx	M43	503/					+
	25203	00096-27-5	*1-THIOGLYCEROL	8	Dx	M43						+
	25205	00108-88-3	TOLUENE	3	Ax	M52	1061,1594, 1713//	R: 0.02 mg/kg bw based on allowing 1/10 of TDI for food packaging uses.	SML = 1.2 mg/kg	Same 93540		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								Long term inhalation studies in mice and rats and a 13-week oral study in mice. (WHO draft, Geneva, September 1992)(CS/PM/1713).				
	25208	26471-62-5	TOLUENE DIISOCYANATE	4A	Ax	M43	503/	See references for 3,3'-dimethyl-4,4'-diisocyanatobiphenyl.	QM(T1) = 1 mg/kg in FP (as NCO)			+
	25210	00584-84-9	2,4-TOLUENE DIISOCYANATE	4A	A0/A1/A2 +	R17		See references for 3,3'-dimethyl-4,4'-diisocyanatobiphenyl.	QM(T1)= 1 mg/kg in FP (as NCO)	PUR	+	+
	25240	00091-08-7	2,6-TOLUENE DIISOCYANATE	4A	A0/A1/A2 +	R17		See references for 3,3'-dimethyl-4,4'-diisocyanatobiphenyl.	QM(T1)= 1 mg/kg in FP (as NCO)	PUR	+	+
	25270	26747-90-0	2,4-TOLUENE DIISOCYANATE DIMER	4A	A0/A1/A2 +	R17		See references for 3,3'-dimethyl-4,4'-diisocyanatobiphenyl.	QM(T1)= 1 mg/kg in FP (as NCO)	PUR	+	+
	25300	00088-19-7	*o-TOLUENESULPHONAMIDE	8	B0/B1/B2 /B3	M50/R17	767*/			MF,PF,UF	+	+
	25330	00070-55-3	*p-TOLUENESULPHONAMIDE	7	B0/D1	R17		Needed: mutagenicity and reproduction studies on the commercial mixture to be specified.		MF,PF,UF	+	+
	25340	00093-69-6	*o-TOLYLBIGUANIDE	D	Dx1		1197*/1557					+
	25350	04130-08-9	*(TRIACETOXY)VINYLSILANE	6A	Bx	M48/M45	550/		SML = 0.05 mg/kg	S2(26245)		+
	25355	-	*TRIALKYL(C4-C11)ACETIC ACID	9	Bx/Dx	M43	503/		Partially covered by 10480			+
	25359	-	*TRIALKYL(C4-C11)ACETIC ACID, 2,3-EPOXYPROPYL ESTER	9	Bx/Dx	M45	503/		QM = 5 mg/kg in fp (expressed as epoxy)			+
+	25360	-	TRIALKYL(C5-C15)ACETIC ACID, 2,3-EPOXYPROPYL ESTER	6A	A0/A1/A2	M57/R17	932/	Previous evaluation (SCF, Series 17) TDI: 0.1 mg/kg b.w. A 5-week oral rat study and mutagenicity tests. (Group Research Reports, SBGR. 81.248, 1981 and TLGR.79.072). Available: summary data only (CS/PM/932). Needed: full report of existing studies.	SML=6 mg/kg	Same 14390/Includes cardura//From L2 and Postponed	+	+
	25380		*TRIALKYL(C5-C15)ACETIC ACID, VINYL ESTERS (=Vinyl versatate)	7	B1S/B2/B3	M52/M48 /M45/M42	1822+	Available: mutagenicity test negative, high bioaccumulation, hydrolysis incomplete. Needed: hydrolysis in additional simulants and migration data.	SML = 0.05 mg/kg	S1(10420)/Same 26330	+	+
	25382	-	*TRIALKYL(C5-C20)ACETIC ACID, VINYL ESTER	7	Bx	M48/M45	933/	Needed: provided hydrolysis can be demonstrated, data on trialkyl(C5-C20)acetic acid are requested.	SML = 0.05 mg/kg	Cov.by 10420/see also		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
										22428,22440		
	25390	00101-37-1	*TRIALLYL CYANURATE	6A	B0/B1/B2 /B3	M48/M45 /R17	1898+//		SML = 0.05 mg/kg	Same 93205/PAM,PVC,PVDC	+	+
	25405	01025-15-6	*TRIALLYL ISOCYANURATE	6A	Bx	M48/M45	503/1215*/		SML = 0.05 mg/kg			+
	25420	00108-78-1	2,4,6-TRIAMINO-1,3,5-TRIAZINE	2	A0/A1/A2	R17		TDI: 0.5 mg/kg b.w. (SCF, 17th Series, 1986).	SML= 30 mg/kg	W,Y,Z /Same 19975	+	+
	25435	-	*TRICHLOROBUTADIENE	6A	Dx	M48/M43	503/		SML = 0.05 mg/kg			+
+	25445	28807-72-9	TRICYCLODECANEDIISOCYANATE	4A	Bx	M57	2218//		QM(T1) = 1 mg/kg in FP (as NCO).			+
	25450	26896-48-0	*TRICYCLODECANEDIMETHANOL	8	B0/B1/B2 /B3	R17	509/593*,1262/			UP	+	+
	25465	?	*TRICYCLODECANEMONOMETHANOL	9	Bx/Dx	M43	503/			Cov.by 10576		+
	25480	00102-71-6	*TRIETHANOLAMINE	8	B0/B1/B2 /B3	M51/M40 /R17	553,632*,1177/			PUR/Same 25922,94000	+	+
	25510	00112-27-6	TRIETHYLENEGLYCOL	2	A0/A1/A2	R17		Group TDI: 5 mg/kg b.w. (with polyethyleneglycol). (SCF, 17th Series, 1986).			+	+
	25515	00112-50-5	*TRIETHYLENEGLYCOL MONOETHYL ETHER	8	Dx	M43	503/					+
	25520	00112-24-3	*TRIETHYLENETETRAMINE	8	Bx	M43	503/1012*/			Same AD		+
	25530	?	*TRIGLYCEROL	8	Dx	M43	503/					+
	25540	00528-44-9	*TRIMELLITIC ACID	7	B0/B1/B2 /B3	M51/M44 /M40/R17	1823+//	Available: documentation for 25550 considered appropriate also for this compound. Needed: in first instance migration data into fat simulants at 175xC for 2 hours.		PUR/Same 13050	+	+
	25550	00552-30-7	*TRIMELLITIC ANHYDRIDE	7	B0/B1/B2 /B3	M51/44/ M40/M38	1824+//	See references for 25540 because documentation available covered both.			+	+
	25552	01204-28-0	*TRIMELLITIC ANHYDRIDE ACID CHLORIDE		Bx				See "14587",	Same 13140,14587		+
	25554	16715-84-7	*TRIMETHALLYL CYANURATE	6A	Bx	M48/M45	503/		SML = 0.05 mg/kg			+
	25556	06291-95-8	*TRIMETHALLYL ISOCYANURATE	6A	Bx	M48/M45	503/		SML = 0.05 mg/kg			+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	25561	02768-02-7	*(TRIMETHOXY)VINYLSILANE	D	Dx					Same 26320	+	+
	25563	03586-39-8	*2,2,4-TRIMETHYLADIPIC ACID	8	Dx	M43	503/			Cov.by 10300		+
	25564	03937-59-5	*2,4,4-TRIMETHYLADIPIC ACID	8	Dx	M43	503/			Cov.by 10300		+
+	25565	-	*2,2,4-TRIMETHYLADIPIC ACID, METHYL ESTERS	9	Bx	M54/M46 /M43	503/956/21 17//	Group R: 0.05 mg/kg b.w.	SML(Tp) = 3 mg/kg	Cov.by 10240		+
+	25566	-	*2,4,4-TRIMETHYLADIPIC ACID, METHYL ESTERS	9	Bx/Dx	M54/M46 /M43	503/956/21 17//	Group R: 0.05 mg/kg b.w.	SML(Tp)= 3 mg/kg	Cov.by 10240		+
	25570	00067-48-1	*TRIMETHYLETHANOLAMMONIUM CHLORIDE	8	BO/D1	R17				PAM	+	+
+	25573	16938-22-0	2,2,4-TRIMETHYLHEXANE-1,6-DIISOCYANATE	4A	Ax	M57	2218//		QM(T1) = 1 mg/kg in FP (as NCO)			+
+	25574	15646-96-5	2,4,4-TRIMETHYLHEXANE-1,6-DIISOCYANATE	4A	Ax	M57	2218//		QM(T1) = 1 mg/kg in FP (as NCO)			+
	25580	03302-10-1	*3,5,5-TRIMETHYLHEXANOIC ACID	8	Dx	M43	537/			S2(10435)(10576)(10596)		+
	25595	00077-85-0	*TRIMETHYLOLETHANE	9	Bx/Dx	M43	503/			Cov.by 12430		+
	25600	00077-99-6	1,1,1-TRIMETHYLOLPROPANE	2	AO/A1/A2	R17		TDI: 0.1 mg/kg b.w. A 90-day oral rat study. (Report Perstorp, Sweden).	SML= 6 mg/kg	PET,PUR,UP/Same 13380	+	+
	25630	37275-47-1	*1,1,1-TRIMETHYLOLPROPANE DIACRYLATE	7	BO/B1/D2	R17	768*/	Needed: hydrolysis data.			+	+
	25645	00682-09-7	*1,1,1-TRIMETHYLOLPROPANE DIALLYL ETHER	6A	B1S/D2	M48/M45 /M42	482,503/		SML = 0.05 mg/kg	S1(16810)	+	+
	25660	19727-16-3	*1,1,1-TRIMETHYLOLPROPANE DIMETHACRYLATE	7	BO/D1	R17		Needed: hydrolysis data.		PS	+	+
	25690	-	*1,1,1-TRIMETHYLOLPROPANE MALEATES	8	BO/D1	R17				PS	+	+
	25720	07024-08-0	*1,1,1-TRIMETHYLOLPROPANE MONOACRYLATE	7	BO/D1	R17		Needed: hydrolysis data.		PS	+	+
	25735	00682-11-1	*1,1,1-TRIMETHYLOLPROPANE MONOALLYL ETHER	6A	Bx	M48/M45	503/		SML = 0.05 mg/kg	Cov.by 16810		+
	25750	07024-09-1	*1,1,1-TRIMETHYLOLPROPANE MONOMETHACRYLATE	7	BO/D1	R17		Needed: hydrolysis data.		PS	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	25780	25723-16-4	*1,1,1-TRIMETHYLOLPROPANE, PROPOXYLATED	8	B0/B1/D2	R17	509/650*/			PUR	+	+
+	25810	15625-89-5	*1,1,1-TRIMETHYLOLPROPANE TRIACRYLATE	8	B0/B1/B2 /B3	M57/R17	648*,1508* /2132//	Available: hydrolysis data showed hydrolysed only to the diacrylate and acrylic acid (CS/PM/2156). Known sensitiser (Food Chem. Tox. 23, 124, 1985). Needed: in addition to data according to SCF guidelines, information on potential for sensitisation to plastics made from this monomer.			+	+
	25825	00682-08-6	*1,1,1-TRIMETHYLOLPROPANE TRIALLYL ETHER	6A	BxS	M48/M45	537/1508*/		SML = 0.05 mg/kg	S2(12648)(16810)(16885)		+
	25840	03290-92-4	*1,1,1-TRIMETHYLOLPROPANE TRIMETHACRYLATE	7	B0/B1/B2 /B3	M50/R17	769*/	Needed: hydrolysis data.			+	+
	25855	00144-19-4	*2,2,4-TRIMETHYL-1,3-PENTANEDIOL	8	Dx	M43	503/			Cov.by 12430		+
	25870	00107-39-1	*2,4,4-TRIMETHYL-1-PENTENE	8	B0/D1	R17	509/				+	+
+	25875	134960-68-2	*1,1,3-TRIMETHYL-3-PHENYLINDANE-4,5-DICARBOXYLIC ACID	8	Bx	M57	2218//					+
	25900	00110-88-3	*TRIOXANE	8-P	B0/B1/B2 /B3	M50/R17	679*,1301* /2229 (F)(RIVM-TNO)			POM	+	+
	25905	00078-24-0	*TRIPENTAERYTHRITOL	8	Dx	M43	503/			Cov.by 16810		+
	25910	24800-44-0	TRIPROPYLENEGLYCOL	2	A1S/A2	M42	482,503/	Group TDI: 1.5 mg/kg b.w. (with polypropyleneglycol and dipropyleneglycol). See references for dipropylenglycol.		S1(16810)	+	+
	25915	00090-72-2	*2,4,6-TRIS((DIMETHYLAMINO)METHYL)PHENOL	8	Bx	M43	1013*/					+
	25917	02451-62-9	TRIS (2,3-EPOXYPROPYL)ISOCYANURATE		Bx				See 25920	Same 25920		+
	25920	02451-62-9	*1,3,5-TRIS(2,3-EPOXYPROPYL)-1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE	6A	Bx	M45	503/		QM = 5 mg/kg in fp (expressed as epoxy)	Same 25917		+
	25922	00102-71-6	*TRIS(2-HYDROXYETHYL)AMINE		B0/B1/B2 /B3				See "*TRIETHANOLAMINE"	Same 25480	+	+
	25923		TRIS (2-HYDROXYETHYL)ISOCYANURATE		Bx				See "25925"	Same 25925		+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
25925	00839-90-7	*1,3,5-TRIS(2-HYDROXYETHYL)-1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE	8	Bx	M43	503/1014*/			Same 25923		+
25930	01067-53-4	*TRIS(2-METHOXYETHOXY)VINYLSILANE	6A	B0/B1/D2	M48/M45 /R17	1899+/		SML = 0.05 mg/kg	PE,PVAC,PVDF	+	+
25933	96195-81-2	*TRIS(1-METHOXYISOPROPOXY)VINYLSILANE	6A	Bx	M48/M45	550/		SML = 0.05 mg/kg	S2(26245)		+
25950	01852-04-6	*UNDECANEDIOIC ACID	8	Dx	M43	537/			S2(10280)(10297)(10576)		+
25960	00057-13-6	UREA	0	A0/A1/A2	R17					+	+
25965	-	*UTAH COAL RESIN	9	Bx/Dx	M43	503/					+
25970	-	*VEGETABLE OIL ACIDS	9	Dx	M52/M43	503//					+
25975	-	*VEGETABLE OIL ACIDS, DIMERS	8/D	Dx	M52/M43	503//			Dimers of single acids listed		+
25980		VERSATIC ACID (=ACIDS, ALIPHATIC, MONOCARBOXYLIC, SATURATED, BRANCHED(C5-C15)	D	Dx					Cov.by 10480	+	
25990	00689-97-4	*VINYLACETYLENE	6A	B0/D1	M48/M45 /R17	349,572/		SML = 0.05 mg/kg	PO	+	+
25995		VINYL ALCOHOL		A0/A1/A2				See "ACETIC ACID, VINYL ESTER"	Polyvinylalcohol authorized cf Annex 2,par.3 direc	+	
26000	03048-64-4	*5-VINYLBICYCLO[2.2.1]HEPT-2-ENE	6A	Bx	M48/M45	503/		SML = 0.05 mg/kg			+
26010	00593-60-2	VINYL BROMIDE	4A	Ax	M45	503/	IARC has classified vinyl bromide as "carcinogenic for animals". (IARC Monograph, vol. 39, 1987).	SML = 0.01 mg/kg			+
26020	01484-13-5	*N-VINYLCARBAZOLE	6A	B0/D1	M48/M45 /M24/R19	349,572/		SML = 0.05 mg/kg		+	
26050	00075-01-4	VINYL CHLORIDE	4A	A0/A1/A2	R17		(SCF, 1st Series, 1975).	according to Directive 78/142/EEC	OJ L 44 OF 15.2.1978	+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
26065		*VINYL ESTERS OF TRIALKYL(C5-C20)ACETIC ACID						See "25382"			+
26080	-	*VINYL ETHERS OF ALCOHOLS, ALIPHATIC, MONOHYDRIC, SATURATED (C2-C18)	9	BO/D1	M48/M45 /R17	482/		SML = 0.05 mg/kg	PVC	+	+
26095	00075-02-5	*VINYL FLUORIDE	6A	Bx	M48/M45	503/1018*/		SML = 0.05 mg/kg			+
26110	00075-35-4	VINYLIDENE CHLORIDE	4B	AO/A1/A2	R17		(SCF 13th Series, 1982).	QM= 5 mg/kg in fp or SML= not detectable (DL=0.05 mg/kg)		+	+
26140	00075-38-7	VINYLIDENE FLUORIDE	3	BO/B1/B2 /B3A	MS2/M45 /M29/R2 0	36,423,785 */1037/155 9,1708//	R: 5 mg/kg of food. Many inhalation studies, 1-year oral rat study, carcinogenicity studies by inhalation in mice and rats negative, mutagenicity studies negative, reproduction study negative. (RIVM report 1992-10-29).	SML = 5 mg/kg	PVDF	+	+
26170	03195-78-6	*N-VINYL-N-METHYLACETAMIDE	6A-P	BO/B1/B2 /B3	M48/M45 /R17	2142+ (mM)(RIVM*-TNO)		QM = 5 mg/kg in FP	PS	+	+
26200	02867-48-3	*N-VINYL-N-METHYLFORMAMIDE	6A	BO/B1/D2	M48/M45 /M24/R1 9			SML = 0.05 mg/kg		+	
26215	00100-69-6	*2-VINYLPYRIDINE	6A	Dx	M48/M45 /R17	572/		SML = 0.05 mg/kg		+	
26217	00100-43-6	*4-VINYLPYRIDINE	6A	Dx	M48/M45 /R17	572/		SML = 0.05 mg/kg		+	
26230	00088-12-0	*VINYLPYRROLIDONE	6A	BO/B1/B2 /B3	M48/M45 /R17	678*/1315/		SML = 0.05 mg/kg		+	+
26245	-	*VINYLSILANE	6A	Dx	M48/M45	503/		SML = 0.05 mg/kg			+
26260	01184-84-5	*VINYLSULPHONIC ACID	6A	BO/B1/D2	M48/M45 /R17	772*/1692*		SML = 0.05 mg/kg		+	+
26290	25013-15-4	*VINYLTOLUENE		BO/B1/B2 /B3	R17	773*/				+	+
26292	00622-97-9	*p-VINYLTOLUENE		BO/B1/B2 /B3				See "p-Methylstyrene"	Same 22240	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	26305	00078-08-0	*VINYLTRIETHOXYSILANE	6A	Bx	M48/M45	503/		SML = 0.05 mg/kg			+
	26320	02768-02-7	*VINYLTRIMETHOXYSILANE	6A	BO/B1/B2 /B3	M48/M45 /R17	1825+		SML = 0.05 mg/kg	PE,PVDF	+	+
	26330	-	VINYL VERSATATE						See "TRIALKYL(C5-C15)ACETIC ACID, VINYL ESTERS"	Same 25380 and 25561		+
	26340	08024-09-7	WALNUT OIL	3	Ax	M52/M43	503//	Food fat.		Covered by 16713		+
	26341	08024-09-7	WALNUT OIL (Food grade quality)	D	Dx	M52/M43				Covered by 16713		+
	26345	-	*WALNUT OIL FATTY ACIDS, AND THEIR DIMERS	D	Dx	M52/M43	503//					+
	26345/ 0		WALNUT OIL FATTY ACIDS (Food grade quality)	D	Dx	M52/M47	1079//					+
	26345/ 1		WALNUT OIL FATTY ACIDS	3/D	Dx	M52/M47	1079//	Constituents of food fats.				+
	26345/ 2		*WALNUT OIL FATTY ACIDS (Food grade quality), DIMERS	D	Dx	M52/M47	1079//					+
	26345/ 3		*WALNUT OIL FATTY ACIDS, DIMERS	8/D	Dx	M52/M47	1079//			D as dimers of single acid listed		+
	26346	-	WALNUT OIL FATTY ACIDS, AND THEIR DIMERS (Food grade quality)	D	Dx	M52/M47 /M43	960//			Same 26345		+
	26370	01330-20-7	XYLENE	3	Ax	M52	503/1061,1 594//1712/ /	R: 0.02 mg/kg bw (with 95945,95947,95949,95951) based on allowing 1/10 of TDI for food contact materials. 2-year oral rat study, mutagenicity test negative. (WHO draft, Geneva, September 1992)(CS/PM/1712).	SML = 1.2 mg/kg	Odor threshold = 25 ppb		+
	26375	00105-67-9	*m-XYLENOL		BO/B1/B2 /B3				See "*2,4-DIMETHYLPHENOL"	Same 16300	+	+
	26377	00526-75-0	*o-XYLENOL		BO/B1/B2 /B3				See "*2,3-DIMETHYLPHENOL"	Same 16270	+	+

LIST OF MONOMERS AND OTHER STARTING SUBSTANCES FOR PLASTICS AND COATINGS UPDATED TO 15 MAY 1994

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
26379	00095-87-4	*p-XYLENOL		80/81/82 /83				See "*2,5-DIMETHYLPHENOL"	Same 16330	+	+
26400	72960-48-6	*o-XYLYLBIGUANIDE	8	Dx	M43						+

ANNEX 1 BIS

PROVISIONAL LIST OF BIOPOLYMERS FOR WHICH AN AUTHORIZATION IS REQUESTED AND NOT YET DECIDED

1. POLYHYDROXYBUTYRATE (CAS N. 29435-48-1)

Polymers containing the repeating unit 3-hydroxybutyrate and manufactured by fermentation with the bacterium "Alcaligenes eutrophus" from starting substances listed in Section A of Directive 90/128/EEC. The average molecular weight, when determined by gel permeation chromatography, shall not be less than 200,000.

2. HYDROXYBUTYRATE/HYDROXYVALERATE COPOLYMERS (CAS.N. .....).

Polymers containing the repeating units 3-hydroxybutyrate and 3-hydroxyvalerate manufactured by fermentation with the bacterium "Alcaligenes eutrophus" from starting substances listed in Section A of Directive 90/128/EEC. The mole percentage of 3-hydroxyvalerate shall be in the range 0 to25. The average molecular weight, when determined by gelpermeation chromatography, shall not be less than 200,000.Ä

PROVISIONAL LIST OF ADDITIVES

The list set out in the Table shall contain all the other substances not included in the definition of monomers and other starting substances and not included in Annex 3.

Therefore this list shall include:

a) substances which are incorporated into plastics to achieve a technical effect in the finished product; they are intended to be present in the finished articles ("additive");

b) substances used to provide a suitable medium in which polymerization occurs or substances which directly influence the formation of polymers (conventionally these substances will called "aids to polymerisation")

Therefore this list will include for example the following categories of substances:

"Category I"

- antifoaming agents
- antiskinning agents
- antioxidants
- antistatic agents
- driers
- emulsifiers
- fillers
- flame retardants
- foaming agents
- hardening agents
- impact modifiers
- lubricants
- miscellaneous additives
- optical brighteners
- plasticizers
- preservatives
- protective colloids
- reinforcements
- release agents
- solvents
- stabilizers
- thickeners
- UV absorbers

"Category II"

POLYMER PRODUCTION AIDS

- anti-foam reagents/degassing agents
- blowing agents
- buffering agents
- build-up suppressants
- dispersing aids
- emulsifiers
- flow control agents
- nucleating agents
- pH regulators
- solvents
- surfactants
- suspension agents
- stabilizers
- thickening agents
- water treatment reagents

NOTA BENE: The following substances - "Substances which directly influence the formation of polymers" - are excluded from the "additive list". They include, for example:

- accelerators
- catalysts
- catalyst deactivators
- catalyst supports
- catalyst modifiers
- chain scission reagents
- chain transfer or extending agents
- chain stop reagents
- cross-linking agents
- initiators and promoters
- molecular weight regulators
- polymerization inhibitors
- redox agents

LIST OF ADDITIVES FOR PLASTICS AND COATINGS UPDATED TO 15 MAY 1994

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	30000	00064-19-7	ACETIC ACID	1	A4	R1		Group ADI: not specified. (SCF, 25th Series, 1991).		Same 10090	+	+
	30015	00112-07-2	*ACETIC ACID, 2-BUTOXYETHYL ESTER	6B	Bx	M47		R : 0.05 mg/kg of food. Needed : hydrolysis data.	SML = 0.05 mg/kg			+
	30025	57515-72-7	*ACETIC ACID, BUTOXYPROPYL ESTER	9	Bx	M47	See 672	R : 0.05 mg/kg of food.	SML= 0.05 mg/kg			+
	30029	?	*ACETIC ACID, 2-BUTOXYPROPYL ESTER	6B	Bx	M47		R: 0.05 mg/kg of food. Needed : hydrolysis data.	SML = 0.05 mg/kg			+
	30045	00123-86-4	ACETIC ACID, BUTYL ESTER	1	A4	M51/M49		t-ADI: 6 mg/kg bw. (SCF, 25th Series, 1991).		PS	+	+
	30080	04180-12-5	ACETIC ACID, COPPER SALT	1	A5	R1		PMTDI: 0.5 mg/kg b.w. for copper. (JECFA 26 M., 1982).	SML(T)= 30 mg/kg (as Cu)	PA,PVA	+	+
	30100	00111-55-7	*ACETIC ACID, DIESTER WITH ETHYLENEGLYCOL	7	Bx	M49	1083/	Needed: hydrolysis data.				+
+	30120	00111-15-9	*ACETIC ACID, 2-ETHOXYETHYL ESTER	6B	Bx	M56/M47	672/2114//	R : 3 mg/kg of food based on the Group t-TDI: 0.05 mg/kg bw for 16996. Needed : hydrolysis data.	SML = 3 mg/kg		+	+
	30130		*ACETIC ACID, ETHOXYPROPYL ESTER	9	Bx	M47	672 (Rossi)	R : 0.05 mg/kg of food.	SML = 0.05 mg/kg		+	+
	30140	00141-78-6	ACETIC ACID, ETHYL ESTER	1	A4	M49		ADI: not specified. (SCF, 11th Series, 1981).		PS	+	+
	30158		*ACETIC ACID, ISOBUTOXYPROPYL ESTER	9	Bx	M47	See 672	R: 0.05 mg/kg of food.	SML = 0.05 mg/kg			+
	30160		See 30180	D	D						+	
	30165	00108-21-4	*ACETIC ACID, ISOPROPYL ESTER	7	Bx	M49	See 672	Needed: hydrolysis data.			+	+
	30180	00638-38-0	ACETIC ACID, MANGANESE(II) SALT	1-2	A5	M52/M37		L2 for Manganese. Group TDI: 0.01 mg/kg b.w. (as Mn). Recommended daily allowance 2-3 mg/day. Average daily intake 10 mg. (Manganese. Environmental Health Criteria 17, WHO, Geneva 1981). L1 for acetic acid. Group ADI: Not specified.	SML(T)= 0.6 mg/kg (as Mn)	MF,PA	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								(SCF, 25th Series, 1991).				
	30190		See 30280	D	D						+	+
+	30200	00110-49-6	*ACETIC ACID, 2-METHOXYETHYL ESTER	6B	Bx	M56/M54 /M47	672/2114//	R: 0.05 mg/kg of food based on restriction for ethyleneglycol monomethyl ether (PM/REF_N.17002). Needed: hydrolysis data.	SML = 0.05 mg/kg			+
	30210	00108-65-6	*ACETIC ACID, 2-METHOXYISOPROPYL ESTER	6B	Bx	M47	672//	R : 0.05 mg/kg of food. Needed : hydrolysis data.	SML = 0.05 mg/kg			+
	30225	00628-63-7	*ACETIC ACID, PENTYL ESTER	7	Bx	M49	See 672	Needed: hydrolysis data.			+	+
	30240		See 30330	D	D						+	
	30245	00109-60-4	*ACETIC ACID, PROPYL ESTER	7	Bx	M46	See 672	Needed: hydrolysis data.			+	+
	30280	00108-24-7	ACETIC ANHYDRIDE	2	A4	M37,M44		Group TDI: included in the ADI not specified for acetic acid. (SCF, 25th Series, 1991).		Same 10150	+	+
	30295	00067-64-1	ACETONE	3	A4	M49	1485	Residue in food less than 5 mg/kg. (SCF, 11th Series, 1981).			+	+
	30310	25619-09-4	*ACETONE-FORMALDEHYDE COPOLYMER	9	Bx	MS2	1083//			POL		+
	30320		See 30370	D	D						+	
	30330	-	*ACETONE-NONYLPHENOL-THIODIPROPIONIC ACID DIDODECYL ESTER, COPOLYMER	9	Bx	MS2				POL	+	
	30350	00141-97-9	*ACETYLACETIC ACID, ETHYL ESTER	7	Bx	M49	1083/	Needed: hydrolysis data.				+
	30370	-	ACETYLACETIC ACID, SALTS	0	A4	R1					+	
	30380	00623-58-5	ACETYLACETIC ACID, SODIUM SALT	D	D	M49	1083//			Cov.by 30370/ex L0		+
	30385	00123-54-6	*ACETYLACETONE	8	Bx	MS3	1287*//				+	
	30400	-	ACETYLATED GLYCERIDES	1	A4	R1		ADI: not specified. (SCF, 7th report, 1978).			+	
	30480	00140-04-5	*ACETYLRICINOLEIC ACID, BUTYL ESTER	7	Bx	Rx		Needed: hydrolysis data.	Rx		+	+
	30490	85566-24-1	*ACIDS,ALIPHATIC(C14-C18)ALKYL(C14-C18)ESTERS		D		1446			Same 31304/S1(30520)		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
										/Mixt		
	30520		*ACIDS, ALIPHATIC, CARBOXYLIC (C1-C20), ESTERS WITH ALCOHOLS (C1-C18)	9	Bx	M49	1083					+
	30540		*ACIDS, ALIPHATIC, CARBOXYLIC, SATURATED (C12-C20), SALTS	9	Bx	M49	1083					+
	30560		See 30620	D	D						+	
	30580		*ACIDS, ALIPHATIC, DICARBOXYLIC (C4-C10), DIESTERS WITH ALCOHOLS, SATURATED (C1-C18)	9	Bx	M49	1083					+
	30600		*ACIDS, ALIPHATIC, DICARBOXYLIC, UNSATURATED (C4-C8)	9	Bx	M49	1083					+
	30620	-	*ACIDS, ALIPH. MONOCARB. (C6-C24)	9	Bx	M50/R1	1841+/			Mixt.	+	
	30640	-	*ACIDS, ALIPH., MONOCARB. (C8-C22), sec-BUTYL AND OLEYL ESTERS	9	Bx	Rx	1665			PA,PAM,PS,PVC	+	
	30720	-	*ACIDS, ALIPH., MONOCBARB. (C8-C22), COMPOUNDS WITH DIETHANOLAMINE	9	Bx	Rx	351,1665,2109//				+	
+	30725	68603-38-3	*ACIDS, ALIPH., MONOCARB. (C16-C18), COMPOUNDS WITH DIETHANOLAMINE	7	Bx	M54/M51	1665,2109//	Available: 90 day oral rat and dog studies with different diethanolamides of fatty acids; inadequate migration and mutagenicity data. Needed: migration data and remaining data according to SCF guidelines on a compound representative of the diethanolamides group (30725/39140/39280/39480/39520/45040/63560). (RIVM doc. CS/PM/2089). N.B. When the diethanolamides wil be re-evaluated restrictions on diethanolamine impurities are needed.		S1(30720)	+	
	30800	-	*ACIDS, ALIPH., MONOCARB. (MORE THAN C5), ESTERS WITH MANNITOL	9	Bx	Rx					+	
	30880	-	*ACIDS, ALIPH., MONOCARB. (MORE THAN C5), ESTERS WITH PENTAERYTHRITOL	9	Bx	Rx	1770+				+	
	30960	-	ACIDS, ALIPH., MONOCARB. (C6-C22) ESTERS WITH POLYGLYCEROL	1	A4	Rx		Group ADI: 25 mg/kg b.w. (SCF, 7th Series, 1978).		POL	+	
	31040	-	*ACIDS, ALIPH. MONOCARB., HYDROXYLATED	9	Bx	Rx	351				+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
			(C12-C20) AND THEIR SULPHONATED AND ACETYLATED DERIVATIVES									
	31120	-	*ACIDS, ALIPH., MONOCARB. (C6-C24), Li,Mn AND Sn SALTS	9	Bx	Rx			SML(T) regarding metals		+	
	31200	-	*ACIDS, ALIPH., MONOCARB., SAT.(MORE THAN C7), ESTERS WITH ALCOHOLS, ALIPH. MONOH.	9	Bx	Rx	334,351,1665//				+	
	31215		*ACIDS, ALIPHATIC, MONOCARBOXYLIC, SATURATED, BRANCHED (C9-C11), SALTS	9	Bx	M49	1083					+
	31220		*ACIDS, ALIPHATIC, MONOCARBOXYLIC, SATURATED, WITH AN EVEN NUMBER OF CARBON ATOMS, ESTERS WITH PENTAERYTHRITOL	9	Bx	M49	1083		Similar to 30880			+
	31230		*ACIDS, ALIPHATIC, MONOCARBOXYLIC, SATURATED, BRANCHED (C9-C11), Ce, Co, Li, Mn AND Zr SALTS	9	Bx	M52/M49	1083,1707//2090,2091		SML(T) regarding metals			+
	31260		*ACIDS, ALIPHATIC, MONOCARBOXYLIC, SATURATED, LINEAR (C10-C24), SALTS	9	Bx	M49	1083					+
	31280	-	*ACIDS, ALIPH., MONOCARB. (C8-C22), COMPOUNDS WITH TRIETHANOLAMINE	9	Bx	Rx	351?			PA,PS,PVC	+	
	31300		*ACIDS, ALIPHATIC, SATURATED (C6-C24), ESTERS WITH ALCOHOLS, ALIPHATIC, MONOHYDRIC, SATURATED (C2-C24) AND OLEYL ALCOHOL	9	Bx	M49	1083					+
+	31304	85566-24-1	*ACIDS, FATTY (C14-C18), ALKYL (C14-C18) ESTERS	8-P	Bx	M51/M50	1446 (M)(Elias)			Replaces 30490/S1(31200)	+	+
	31306	92797-30-3	*ACIDS, FATTY (C14-C22), ALKYL (C16-C24) ESTERS	9	Bx	M51	1665			S1(31200)	+	
	31307	95912-87-1	*ACIDS, FATTY (C16-C18), ALKYL (C12-C18) ESTERS	9	Bx	M51	1665			S1(31200)	+	
	31320		*ACIDS, FATTY, FROM ANIMAL OR VEGETABLE FATS AND OILS	8	Bx	M52/M49	1083//					+
	31328	-	ACIDS, FATTY FROM ANIMAL OR VEGETABLE FOOD FATS AND OILS	3	A4	M52		Constituent of food fats.			+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	31330		*ACIDS, FATTY, FROM ANIMAL OR VEGETABLE FATS AND OILS, METHYL ESTERS	9	Bx	M49	1083					+
	31345		*ACIDS, FATTY, FROM ANIMAL OR VEGETABLE OILS, SORBITAN AND SORBITOL ESTERS	9	Bx	M49	1083					+
	31350	125109-79-7	*ACIDS, FATTY (C14-C22), ESTERS WITH PENTAERYTHRITOL	9	Bx	M51	1665			S1(30880)	+	
	31352	85116-93-4	*ACIDS, FATTY (C16-C18), ESTERS WITH PENTAERYTHRITOL	9	Bx	M51	1665			S1(30880)	+	
	31360		See 31470	D	D						+	
	31365		*ACIDS, FATTY, ESTERS WITH POLYGLYCEROL	9	Bx	M49,M52	1083		Similar to 30960	POL		+
	31380		*ACIDS, FATTY, SALTS	9	Bx	M49	1083					+
+	31382	?	*ACIDS, FATTY, UNSATURATED(C18), DIMERS, HYDROGENATED -ADIPIC ACID-2ETHYLHEXANOL-1,2-PROPANEDIOL, COPOLYMER	W-P	D		2248 (Mw,M)(RIVM)			New subst/CASindicated by the petition not correct	+	
+	31384	?	*ACIDS, FATTY, UNSATURATED(C18), DIMERS, HYDROGENATED-ADIPIC ACID-1,2-PROPANEDIOL, COPOLYMER	W-P	D		2247 (Mw,M,T)(RIVM)			New subst./POL	+	
	31390		*ACIDS, LINEAR, WITH AN EVEN NUMBER OF CARBON ATOMS (C8-C22), AND THE DIMERS AND TRIMERS OF THE UNSATURATED ACIDS	9	Bx	M49	1083			Same 10600		+
	31400		*ACIDS, LINEAR, WITH AN EVEN NUMBER OF CARBON ATOMS (C8-C22), ESTERS WITH MONO- AND POLYHYDRIC ALCOHOLS	9	Bx	M49,M52	1083					+
	31420		*ACIDS, LINEAR, WITH AN EVEN NUMBER OF CARBON ATOMS (C8-C22), REACTION PRODUCTS WITH 2-AMINO-2-ETHYL-1,3-PROPANEDIOL, DI- AND TRIETHANOLAMINE, AND TRIETHYLAMINE	9	Bx	M49	1083					+
	31440		See 31490	D	D						+	
	31455	-	*ACIDS, FATTY, DIMERIZED	9	Bx	M47				PS	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	31470	-	*ACIDS, SAT., LINEAR (C5-C10), ESTERS WITH DIPENTAERYTHRITOL	9	Bx	Rx				SCF:Specify n. acid residues	+	
	31490	-	*ACIDS, SUBSTITUTED (C9-C20), AND THEIR TRIETHA NOLAMINE SALTS	9	Bx	M37					+	
+	31492	-	*ACRYLAMIDE-ACRYLIC ACID-ETHYL ACRYLATE-ETHYLENEGLYCOL METHACRYLATE-POLYETHYLENEGLYCOL (EO=5) DODECYLAMINE-TOLUENE DIISOCYANATE, COPOLYMER (Mw= 5000-15000)	P			2311 (I,Mw)(Bohme)			New subst.	+	+
+	31495	?	*ACRYLAMIDE-ACRYLIC ACID-METHACRYLIC ACID-POLYETHYLENEGLYCOL(EO=5 and 15)DODECYLAMINE, COPOLYMER (Mw=10000-20000)	P			2300,2306 (I,Mw)(Bohme)			New subst.	+	+
+	31497	-	*ACRYLAMIDE-ACRYLIC ACID-METHACRYLIC ACID-POLYETHYLENEGLYCOL (EO=50)NONYLPHENYL ETHER, COPOLYMER (Mw= 10000-20000)	P			2314 (I) (Bohme)			New subst.	+	+
	31500	?	*ACRYLIC ACID, ACRYLIC ACID, 2-ETHYLHEXYL ESTER, COPOLYMER	9	Bx	M52	1401//			S1(31595)/POL	+	
	31505		*ACRYLIC ACID-ACRYLIC ESTERS OF ALCOHOLS, MONOHYDRIC, PRIMARY, LINEAR (C1-C18), COPOLYMERS	9	Bx	M49,M52	462,463//			PS/POL	+	
	31520	61167-58-6	ACRYLIC ACID, 2-tert-BUTYL-6-(3-tert-BUTYL-2-HYDROXY-5-METHYLBENZYL)-4-METHYLPHENYL ESTER	2	A5	M45/M43/M39/M37	185,185-2, 364,582/842,926/	TDI: 0.1 mg/kg b.w. 3-month oral rat study. Mutagenicity studies. Migration data. No bioaccumulation in fish. (RIVM 90/678608/007; CS/PM/926).	SML = 6 mg/kg	PS,SB/No for fat/0.5%	+	+
	31530	123968-25-2	*ACRYLIC ACID, 2,4-DI-tert.PENTYL-6-[1(3,5-DI-tert.PENTYL-2-HYDROXYPHENYL)ETHYL]PHENYL ESTER	W7	D	M53	1726,2028//	Available: 3 negative mutagenicity studies, 90-day oral rat study, inadequate migration data (CS/PM/1726,2028).		New subst.	+	
+	31540	-	*ACRYLIC ACID-MALEIC ANHYDRIDE, COPOLYMER (Mw= 5000-20000)	P			2313 (I,Mw)(Bohme)			New subst.	+	+
+	31545	25322-25-2	*ACRYLIC ACID-METHYL METHACRYLATE, COPOLYMER (Mw=1000-2000)	P			2301 (I,Mw)(Bohme)			New subst.	+	+

LIST OF ADDITIVES FOR PLASTICS AND COATINGS UPDATED TO 15 MAY 1994

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
+	31550	?	*ACRYLIC ACID-METHYL METHACRYLATE-ETHYLENEGLYCOL MONOMETHACRYLATE PHOSPHATE, COPOLYMER (Mw= 5000-20000)	P			2305 (I) (Bohme)			New subst.	+	+
	31560	25085-34-1	*ACRYLIC ACID-STYRENE, COPOLYMER	9	Bx	M52				POL	+	
	31580	-	*ACRYLIC ACID-VINYLPYRROLIDONE, COPOLYMER	9	Bx	M44				PS/POL	+	
	31595		*ACRYLIC POLYMERS	9	Bx	M49	462,463,1401*			ABS,MF,PO,PS,PVC,UP//POL	+	
	31600		See 31700	D	D		130				+	
	31605	09003-18-3	*ACRYLONITRILE-BUTADIENE, COPOLYMER	9	Bx	M49				POL	+	+
	31620	09010-94-0	*ACRYLONITRILE-BUTADIENE-METHYL METHACRYLATE- STYRENE, COPOLYMER	9	Bx	M49				PVC	+	
	31640		*ACRYLONITRILE-BUTADIENE-STYRENE, COPOLYMER	9	Bx	M52	462,463			PC,PVC,PVCC	+	+
	31660		*ACRYLONITRILE-STYRENE, COPOLYMER	9	Bx	M52	462,463//			PIB	+	
	31680		See 31730	D	D						+	+
	31700	68411-97-2	*N-ACYLSARCOSINES WHERE THE ACYL GROUP IS DERIVED FROM THE FATTY ACIDS OF COCONUT OIL	8	Bx	Rx	130				+	
	31730	00124-04-9	ADIPIC ACID	1	A4	Rx		ADI: 5 mg/kg b.w. (SCF, 25th Series, 1991).		Same 12130	+	+
+	31760	-	*ADIPIC ACID, ALKYL, PRIMARY (C4-C13) ESTERS	9	Bx	M54/M46/Rx	956,2117//	Group R= 0.05 mg/kg b.w.	SML(Tpl) = 3 mg/kg	PVC	+	
	31840	25805-74-7 25718-70-1	*ADIPIC ACID-1,3-BENZENEDIMETHANAMINE, COPOLYMER (=Adipic acid, m-xylylenediamine, copolymers)	7	Bx	M52/M38/Rx	190,348//	Needed: 3 mutagenicity tests.		PET	+	
	31920	00103-23-1	ADIPIC ACID, BIS(2-ETHYLHEXYL) ESTER	2-P	A5	M42/Rx	2,53,67,113,369,399,426/2160(Elias)	TDI: 0.3 mg/kg b.w. Several oral short-term studies in mice, rats and dogs, oral carcinogenicity studies in mice and rats, oral teratogenicity and fertility studies in rats and several mutagenicity studies.	SML= 18 mg/kg		+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								(RIVM report 1990-05-02, ICI reports CT 4/P/2119 July 1988 and CTL/P/2119 August 1988).				
+	32000	00105-96-4	*ADIPIC ACID, BIS(6-METHYLHEPTYL) ESTER	68	Bx	M54/M46 /Rx	2117//	Group R: 0.05 mg/kg b.w. Needed : toxicological data depending on migration level (see SCF guidelines) and if migration exceeds 0.050 mg/kg peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg	PVC	+	
+	32080	00110-29-2	*ADIPIC ACID, n-DECYL n-OCTYL ESTER	68	Bx	M54/M46 /Rx	2117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and if migration exceeds 0.050 mg/kg peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg	PVC	+	
+	32160	68515-75-3	*ADIPIC ACID, DIALKYL ESTERS (C7-C9)	68	Bx	M54/M46 /Rx	2117//	Group R: 0.05 mg/kg b.w. Available: 90-day oral rat study. Needed: in first instance specifications. Toxicological data depending on migration level (see SCF guidelines) and, if migration data exceeds 0.050 mg/kg, peroxisome proliferation studies too on the specified substances.	SML(Tpl) = 3 mg/kg	PVC	+	
+	32240	00105-99-7	*ADIPIC ACID, DIBUTYL ESTER	68	Bx	M54/M46 /Rx	2117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation study too.	SML(Tpl) = 3 mg/kg	CA,CP,PVC	+	+
+	32320	00105-97-5	*ADIPIC ACID, DI-n-DECYL ESTER	68	Bx	M54/M46 /Rx	2117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation study too.	SML(Tpl) = 3 mg/kg	PVC/Same 12190	+	
+	32395	25212-19-5	*ADIPIC ACID-DIETHYLENETRIAMINE-EPICHLOROHYDRIN, COPOLYMER	P	D		2281 (Mw)(Bohme)			S1(52660)	+	
	32400	72088-98-3	*ADIPIC ACID-DIETHYLENETRIAMINE-EPICHLOROHYDRIN-ETHYLENEIMINE, COPOLYMER	9	Bx	M52	436				+	
+	32480	00141-04-8	*ADIPIC ACID, DIISOBUTYL ESTER	68	Bx	M54/M46 /Rx	131,2117//	Group R: 0.05 mg/kg b.w. Available: 2-year oral rat study, inadequate. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration	SML(Tpl) = 3 mg/kg	CA,PVC,PVDC	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								exceeds 0.050 mg/kg, peroxisome proliferation study too.				
+	32560	27178-16-1	*ADIPIC ACID, DIISODECYL ESTER	6B	Bx	M54/M46 /Rx	956,1287,2 117//	Group R: 0.05 mg/kg b.w. Needed: in first instance specifications and then on the specified substances toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg	PVC/Same 12220	+	
+	32640	33703-08-1	*ADIPIC ACID, DIISONONYL ESTER	6B	Bx	M54/M46 /Rx	956/2117//	Group R: 0.05 mg/kg b.w. Available: 90-day oral rat and dog studies and two mutagenicity studies. Needed: in first instance specifications, test for chromosome aberrations in mammalian cells in vitro and then the remaining toxicological tests depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg	PVC	+	
+	32720	01330-86-5	*ADIPIC ACID, DIISOOCTYL ESTER	6B	Bx	M54/M46 /Rx	956,1287,2 117//	Group R: 0.05 mg/kg b.w. Needed: in first instance specifications and then on the specified substances provide toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation study too.	SML(Tpl) = 3 mg/kg	PVC	+	
+	32760	00627-93-0	*ADIPIC ACID, DIMETHYL ESTER	6B	Bx	M54/M46	672,2117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation study too.	SML(Tpl) = 3 mg/kg	Same 12235		+
+	32800	00151-32-6	*ADIPIC ACID, DI-n-NONYL ESTER	6B	Bx	M54/M46 /Rx	956,2117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation study too.	SML(Tpl) = 3 mg/kg	PVC	+	
+	32840	01119-74-0	*ADIPIC ACID, DI-n-OCTADECYL ESTER	6B	Bx	M54/M46	956,2117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg	PVC	+	+
+	32880	00123-79-5	*ADIPIC ACID, DI-n-OCTYL ESTER	6B	Bx	M54/M46	132,956,21	Group R: 0.05 mg/kg b.w.	SML(Tpl) = 3 mg/kg	Same 12250	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
						/Rx	17//	Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation study too.				
+	32920		*ADIPIC ACID, ESTERS WITH DIOLS FROM C2-C6	9	Bx	M54/M46 /M41	314/956/21 17//	Group R: 0.05 mg/kg b.w.	SML(Tpl) = 3 mg/kg		+	
+	32960	-	*ADIPIC ACID, MIXED ESTERS WITH 1,2-PROPYLENEGLYCOL AND ALCOHOLS, MONOH.,SAT., LINEAR (C8-C10)	W9	D	M54/M46 /M37	956,2117//	Group R: 0.05 mg/kg bw. Provide informations on identity.	SML(Tpl) = 3 mg/kg	PVC	+	
+	33040	94109-12-3	*ADIPIC ACID, MONO-n-OCTADECYL ESTER, CALCIUM SALT	7	Bx	M54/M46 /Rx	956,2117//	Needed: hydrolysis studies.		PVC	+	+
	33070	09002-18-0	AGAR-AGAR	1	Ax	M51/M49	1083//	ADI: NS. (SCF, 21st Series, 1989).				+
	33100	68551-07-5	*ALCOHOLS, C3-C22	9	Bx	M46						+
	33110		*ALCOHOLS, ALIPHATIC, C1-C18	9	Bx	M49	1083					+
	33120	-	ALCOHOLS, ALIPH, MONOH., SAT., LINEAR, PRIMARY (C4-C24)	3	A4	M41/Rx		90-day oral studies, metabolic and/or mutagenicity studies with some substances out of the group. (SCF, 17th Series, 1986).			+	
	33140		*ALCOHOLS, ALIPHATIC, MONOHYDRIC, SATURATED (> C10)	9	Bx	M49	1083					+
	33170		*ALCOHOLS, ALIPHATIC, MONOHYDRIC, SATURATED (C16-C18), ETHERS WITH ALKYLMONOETHYLENEGLYCOL	9	Bx	M49	1083					+
	33200	-	*ALCOHOLS, ALIPH, MONOH., SAT., LINEAR OR SECONDARY(C4-C22)	9	Bx	M50/R1	677/1314/			Name changed. Tert.del.	+	
	33280	-	*ALCOHOLS, ALIPH., MONOH., UNSAT., LINEAR, (C16-C22) (except oleyl alcohol)	8	Bx	M50/R1		Needed: toxicological data on two representatives of the group according SCF guidelines. N.B. The evaluation is not applicable to oleyl alcohol.			+	
	33320	-	*ALCOHOLS, CYCLOALIPH.,MONOH.(UP TO C18), AND SUBSTITUTED	9	Bx	M49				Cov.by 12460	+	
	33330		*ALCOHOLS, FATTY, C12 AND ABOVE	9	Bx	M49	1083					+
	33350	09005-32-7	ALGINIC ACID	1	A4	M49	1083//	ADI: not specified.			+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								(JECFA, 1992).				
	33360	-	ALGINIC ACID, SALTS	D	D	M37		ADI: 50 mg/kg b.w. (JECFA 17 M., 1973).		Covered by 33350/Ex L1.	+	+
	33440	-	*ALKANES (B.P.UP TO 100 DEGREES CELSIUS)	9	Bx	Rx	1384*			PE,PS/Mixt/	+	
	33460	-	*ALKANES, n, AND iso,(C4-C14)	9	Bx	M49	1385			Mixt/	+	
	33520	-	*n-ALKENES (C2-C14)	9	Bx	M37					+	
	33550		*ALKENYLNORBORNENE-ETHYLENE, COPOLYMER	9	Bx	M52	462,463			PE	+	
	33565		*ALKENYLNORBORNENE-ETHYLENE-PROPYLENE, COPOLYMER	9	Bx	M52	462,463			PE	+	
	33600	-	*C-ALKENYL(C12-C18) SUCCINALKYL(C12-C18) IMIDE	9	Bx	Rx				PA	+	
	33640		*N-ALKYL(C12-C20)ALKYLENE(C2-C6)DIAMINETRIACETIC ACID, SALTS	9	Bx	M49	1083					+
	33680	-	*ALKYL(C8-C20)ARYLSULPHONIC ACID	9	Bx	Rx	1842+				+	+
	33760	-	*ALKYL(C8-C18)ARYLSULPHURIC ACID	9	Bx	Rx					+	
+	33800	-	*ALKYL(C10-C13)BENZENESULPHONIC ACID	9	Bx	M56	1329,1422, 1665//			S1(33680)/Data exist but not available to SCF	+	+
	33840	-	*ALKYL(C11-C14)BIS(HYDROXYETHYL)SULPHONIUM BISULPHATE	9	Bx	Rx				PS,PVC	+	+
	33920	-	*ALKYL(C11-C14)BIS(HYDROXYETHYL)SULPHONIUM GLYCOLSULPHATE	9	Bx	Rx				PS,PVC	+	+
	34000	-	*n-ALKYL(C11-C15)BIS(HYDROXYETHYL)SULPHONIUM SULPHATE	9	Bx	Rx				PS,PVC	+	+
	34015		*ALKYL CAPROLACTONE PHOSPHATE	9	Bx	M53	1287//				+	
	34030		*N-N-ALKYL(C14-C18, EVEN)-N'-(CARBOXYMETHYL)-N,N'-TRIMETHYLENEDIGLYCINE	9	Bx	M49	1083					+
	34060		*ALKYL(C8-C18)-omega-HYDROXYALKYL(C2-C6)	9	Bx	M49	1083					+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
			AMIDE									
	34080	-	*n-ALKYL(C11-C14)HYDROXYETHYL SULPHIDE	9	Bx	Rx				PS,PVC	+	+
	34095		*ALKYL(C8-C18)IMIDAZOLINIUM ACETATE	9	Bx	M49	1083					+
	34100		*ALKYL(C8-C18)IMIDAZOLINIUM BROMIDE	9	Bx	M46	672/					+
	34105		*ALKYL(C8-C18)IMIDAZOLINIUM CHLORIDE	9	Bx	M46	672/					+
	34120		*ALKYL KETENE DIMERS	9	Bx	M49	1083					+
	34135		*ALKYL(C8-C18)MORPHOLINIUM ACETATE	9	Bx	M49	302,355,1083					+
	34140		*ALKYL(C8-C18)MORPHOLINIUM BROMIDE	9	Bx	M49	302,355,1083/					+
	34145		*ALKYL(C8-C18)MORPHOLINIUM CHLORIDE	9	Bx	M49	1083					+
	34160		See 34230	D	D						+	+
	34165		*ALKYL(C8-C18)PHENOXYBENEZENEDISULPHONIC ACID, SALTS	9	Bx	M49	1083					+
	34180		*ALKYL(C14-C29)POLY(ETHYLENEGLYCOL)GLYCOLIC ACID	9	Bx	M52	462,463			PE	+	
	34195	-	*ALKYL(C8-C18)POLY(ETHYLENE-AND/OR PROPYLENE-AND/OR BUTYLENEGLYCOL)GLYCOLIC ACID	9	Bx	M49	462,463//			PO,PS	+	
	34210		*ALKYL(C9-C18)PYRIDINIUM ACETATE	9	Bx	M49	1083					+
	34215		*ALKYL(C8-C18)PYRIDINIUM BROMIDE	9	Bx	M49	302,355,1083					+
	34220		*ALKYL(C8-C18)PYRIDINIUM CHLORIDE	9	Bx	M49	1083					+
	34230		ALKYL(C8-C22)SULPHONIC ACIDS	2	A5	Rx	1083/	TDI: 0.1 mg/kg b.w. 1- and 2-year oral rat studies (Bayer report 1960).	SML= 6 mg/kg		+	+
	34240	-	ALKYL(C10-C20)SULPHONIC ACID, ESTERS WITH PHENOLS	2	A5	M41/Rx	313,472/	t-TDI: 0.1 mg/kg b.w. Available: 90-day oral rat study and Ames test. Needed: additional mutagenicity studies according to guidelines.	SML= 6 mg/kg		+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								(Rivm doc. 1990-05-08).				
	34241	-	*ALKYL(C10-C20)SULPHONIC ACID ESTERS WITH CRESOLS OR CRESOLS AND PHENOLS	9	Bx	Rx	313/1083/		See 34240		+	+
	34270		*N-ALKYL(C8-C18)SULPHOSUCCINAMIDE, SALTS	9	Bx	M49	1083					+
	34275	85586-07-8	*ALKYL(C12-C14)SULPHURIC ACID, SALTS	9	Bx	M50	1440/			S1(34280)	+	+
	34280	-	*ALKYL(C8-C22)SULPHURIC ACIDS	8	Bx	Rx	1083,1287/ 1473*			Ex 34320	+	+
	34290		*ALKYL(C16-C18)SULPHURIC ACID, SALTS	8	Bx	M51	1444,1473/			S1(34280)	+	
+	34295	85586-07-8	*ALKYL(C12-C14)SULPHURIC ACID, SODIUM SALT	P			1440 (Bohme, Elias)			S1(34275)	+	+
+	34300	68955-20-4	*ALKYL(C16-C18)SULPHURIC ACID, SODIUM SALT	P			1444 (Bohme-Elias)				+	+
	34400		*ALKYL(C12-C16)TRIMETHYLAMMONIUM BROMIDE	8	Bx	M50/R1	302,355/				+	
	34415		*ALKYL(C1-C12) VINYL ETHERS-ALLYL ALCOHOL, COPOLYMERS	9	Bx	M44	462,463/			PVC	+	
	34430		*ALKYL(C1-C12) VINYL ETHERS - MALEIC ACID OR ALLYL ALCOHOL, COPOLYMER	9	Bx	M44,M45					+	
	34445		*ALKYL(C1-C12) VINYL ETHERS-MALEIC ACID, COPOLYMERS	9	Bx	M44	462,463/			PVC	+	
	34452		*ALLYL ALCOHOL-VINYL ACETATE, COPOLYMER	9	Bx	M52	1287//				+	
	34460		*ALLYL ETHERS OF MONO-, DI-, OR TRIMETHYLOLPHENOL-OCTANOL, COPOLYMERS	9	Bx	M49	1083					+
+	34470	-	*ALUMINIUM CALCIUM HYDROPHOSPHITE	D	D				"See 34475"	See 34475	+	
+	34475		*ALUMINIUM CALCIUM HYDROXIDE PHOSPHITE, HYDRATE	W-P	D		1660,1682, 2351 (F)(RIVM)			New subst.	+	
	34480	-	ALUMINIUM FIBERS, FLAKES AND POWDERS	2	A4	M52/M50 /R1	1083//	TDI : 1 mg/kg b.w. (as Al) based on PTWI= 7 mg/kg (as Al) (SCF, 25th Series, 1991).			+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	34560	21645-51-2	ALUMINIUM HYDROXIDE	2	A4	M50/R1		TDI: 1 mg/kg bw (as Al) based on PTWI: 7 mg/kg b.w. (as Al). (SCF, 25th Series, 1991).			+	+
	34640	13170-05-3	*ALUMINIUM HYDROXIDE BIS(4-tert-BUTYLBENZOATE)	W	D	M50/M34		L2 for Al. TDI: 1 mg/kg bw (as Al) based on PTWI: 7 mg/kg bw (as Al). (SCF, 25th Series, 1991). W8 for bis(4-tert.butylbenzoate).		PP	+	
	34660	01327-41-9	ALUMINIUM HYDROXYCHLORIDE	2	Ax	M51/M50	1083/	TDI: 1 mg/kg (as Al) based on PTWI: 7 mg/kg b.w. (as Al). (SCF, 25th Series, 1991).				+
+	34690	11097-59-9	ALUMINIUM MAGNESIUM CARBONATE HYDROXIDE	3	A4	M47	918/1033			Replace 64480	+	+
	34720	01344-28-1	ALUMINIUM OXIDE	2	A4	M50/Rx		TDI: 1 mg/kg bw (as (Al) based on PTWI: 7 mg/kg b.w. (as Al). (SCF, 25th Series, 1991).			+	+
	34750	-	*ALUMINIUM SILICATE, SILANATED	9	Bx	M52/M50		L2 for Al. TDI: 1 mg/kg bw based on PTWI: 7 mg/kg bw (as Al). (SCF, 25th Series 1991). L9 for "silanated".		D(Annex 2, par.2 f)	+	
	34780		*ALUMINIUM SODIUM SULPHOSILICATE	9	Bx	M52/M50	1083//	L2 for Al. TDI: 1 mg/kg bw (as Al) based on PTWI: 7 mg/kg bw (as Al). (scf, 25th Series, 1991). L9 for ...sulphosilicate.				+
	34800	-	*AMIDES OF ACIDS, ALIPH., MONOCARB. (C6-C22)	9	Bx	Rx	351,1083				+	+
	34810		*AMIDES (UNSUBSTITUTED) OF FATTY ACIDS FROM VEGETABLE OR ANIMAL OILS	9	Bx	M49	1083					+
	34875	-	*omega-AMINOACIDS (C6-C12)	9	Bx	M49					+	
	34880	-	*AMINOACIDS, SALTS	9	Bx	M37					+	
	34910		*Omega-AMINOCARBOXYLIC ACIDS, ALIPHATIC, LINEAR (C6-C12)	9	Bx	M49	1083			Same 12760		+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
34925	61789-40-0	*3-AMINO-N-(CARBOXYMETHYL)-N,N,-DIMETHYL -1-PROPANAMINIUM, N-COCO ACYL DERIVATIVES HYDROXIDES, INNER SALT	W8	D	M51	1424*//			New subst.	+	
34940	14205-40-4	*3-AMINOCROTONIC ACID, DIESTER WITH ETHYLENEGLYCOL	8	Bx	M53/M51	1367,1451, 1755//	Available: summary on 90-day study, migration into oil (< 0.25 ppm).		S1(35040)	+	+
34960	-	*3-AMINOCROTONIC ACID, ESTERS WITH BUTYLENEGLYCOL	7	Bx	M53/R1	1367,1451, 2034//	Available: 90-day oral rat study, inadequate migration data (CS/PM/ 2034). Needed: 3 mutagenicity studies, physico-chemical and migration data, analytical method.		PVC	+	+
35000		*3-AMINOCROTONIC ACID, ESTERS WITH 1,2-DIPROPYLENEGLYCOL	9	Bx	M49	1083					+
35040	-	*3-AMINOCROTONIC ACID, ESTERS WITH MONO- OR DIHYDRIC ALCOHOLS	9	Bx	Rx	1083,1451* ,1715			Mixt/	+	+
35120	13560-49-1	3-AMINOCROTONIC ACID, DIESTER WITH THIOBIS(2-HYDROXYETHYL)ETHER	2	A4	M38/Rx	273/	t-TDI: 5 mg/kg b.w. pending results of mutagenicity studies. Available: 28-day and 90-day oral rat studies, metabolism, very low migration.			+	+
35200	34730-59-1	*N-(2-AMINOETHYL)-2-AMINOETHANESULPHONIC ACID, SODIUM SALT	8	Bx	Rx				PUR	+	
35280	-	*N-(2-AMINOETHYL)-3-AMINOPROPANESULPHONI C ACID, SALTS	8	Bx	Rx				PUR	+	
35288	93820-52-1	*N-(2-AMINOETHYL)-N-(2-HYDROXYETHYL)-bet a-ALANINE,N-COCO ACYLDERIVATIVES, MONOSODIUM SALTS(+)	W8	D	M51	1556*/			New subst.	+	
35294	90268-48-7	*4-AMINO-4-OXO-2-SULFOBUTYRIC ACID, N-TALLOW ALKYL DERIVATIVES, DISODIUM SALTS	W8	D	M51	1434/			New subst.	+	
35300	00919-30-2	*3-AMINOPROPYLTRIETHOXYSILANE	8	Bx	M46	672,1287/1 481*					+
35320	07664-41-7	AMMONIA	1	A4	M50	1126/	ADI: not specified. (SCF, 25th series, 1991).			+	
35340	01066-33-7	*AMMONIUM BICARBONATE	D	D					Cov.by 42160	+	
35440	12124-97-9	AMMONIUM BROMIDE	1	A4	M38	273/	Group ADI: 1 mg/kg b.w. (as Br) as pesticide			+	

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							residue. (JMPR "Pesticide residues in food", 1988, paper 93/2).				
35520	12125-02-9	AMMONIUM CHLORIDE	1/D	D	M37		ADI: not specified. (SCF, Rx).			+	+
35560		*AMMONIUM DITHIONITE	8	Bx	M49	1083/					+
35600	01336-21-6	AMMONIUM HYDROXIDE	1	A4	Rx	389/	ADI: not specified. (SCF, Rx).			+	+
35630	10196-04-0	AMMONIUM SULPHITE	2	Ax	M49	1083/	Group TDI = 0.7 mg/kg bw. Based on ADI for SO2.				+
35645		*AMMONIUM ZINCATE	9	Bx	M49	1083/	L9 for the compound. L1 for the Zinc ADI = 1 mg/kg b.w. (as Zn). (WHO, Food Additives Series 17, 1982).				+
35680	01314-60-9	*ANTIMONY PENTOXIDE	68	Bx	M47	1041/	R : 0.01 mg/kg (as Sb). Very low EEC limit for drinking water: 0.01 mg/l. Needed: actual use.	SML(T17) = 0.01 mg/kg (as Sb)	PA,PO,PVC	+	
35760	01309-64-4	*ANTIMONY TRIOXIDE	68	Bx	M47/R29	1041/	R : 0.01 mg/kg as Sb. Very low EEC limit for drinking water: 0.01 mg/l. Needed: actual use.	SML(T17) = 0.01 mg/kg (as Sb)		+	
35840	00506-30-9	ARACHIDIC ACID	0	D	Rx				Cov. by 31328	+	+
35845	07771-44-0	ARACHIDONIC ACID	0	D	MS1	1664			S1(30820)/Same 12813/Cov. by 31328	+	
35880	-	*AROMATIC SULPHONIC ACIDS-FORMALDEHYDE, COPOLYMER	9	Bx	M49					+	
35920	-	*ARYLSULPHONIC ACID	9	Bx	Rx	351				+	
35960	01332-21-4	ASBESTOS	5	D		395/			UP	+	
36000	00050-81-7	ASCORBIC ACID	1	A4	Rx		Acceptable. (SCF, 22th Series, 1989).			+	+
36080	00137-66-6	ASCORBYL PALMITATE	1	A4	Rx		Acceptable. (SCF, 22th Series, 1989).			+	

LIST OF ADDITIVES FOR PLASTICS AND COATINGS UPDATED TO 15 MAY 1994

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	36160	10605-09-1	ASCORBYL STEARATE	1	A4	Rx		Acceptable. Covered by the assessment for ascorbyl palmitate.			+	
+	36240	-	*AZELAIC ACID, ALKYL, PRIMARY(C1-C12) ESTERS	9	Bx	M54/M46 /Rx	956/2117//	Group R: 0.05 mg/kg b.w.	SML(Tpl) = 3 mg/kg	PVC	+	
+	36320	00103-24-2	*AZELAIC ACID, BIS(2-ETHYLHEXYL) ESTER	6B	Bx	M54/M46 /Rx	956,2117//	Group R: 0.05 mg/kg b.w. Available: inadequate 90-day study. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation study too.	SML(Tpl) = 3 mg/kg		+	
+	36400	00106-03-6	*AZELAIC ACID, BIS(6-METHYLHEPTYL) ESTER	6B	Bx	M54/M46 /Rx	956,2117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation study too.	SML(Tpl) = 3 mg/kg		+	
+	36480	00109-31-9	*AZELAIC ACID, DI-n-HEXYL ESTER	6B	Bx	M54/M46 /Rx	956,2117//	Group R: 0.05 mg/kg b.w. Available: 90-day and 2-year oral rat, 1-year oral dog studies. Needed: toxicological data depending on migration level (see SCF guidelines) and if migration exceeds 0.050 mg/kg peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg		+	+
+	36520	26544-17-2	*AZELAIC ACID, DIISOOCTYL ESTER	6B	Bx	M54/M46	672/956,2117//	Group R: 0.05 mg/kg b.w. Needed:in first instance specifications and on the specified susbtances provide toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation study too.	SML(Tpl) = 3 mg/kg			+
+	36560	02064-80-4	*AZELAIC ACID, DI-n-OCTYL ESTER	6B	Bx	M54/M46 /Rx	956,2117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF g uidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation study too.	SML(Tpl) = 3 mg/kg		+	
	36640	00123-77-3	AZODICARBONAMIDE	3	A5	M41/Rx	420/	Evaluated in the context of its use as blowing agent which on heating will break down. Decision postponed until UK presents results of technological improvements (end 1990).	Only as blowing agent.		+	+
	36720	17194-00-2	BARIUM HYDROXIDE	3	A5	M50	1584/	R: 1 mg/kg in food.	SML(T)= 1 mg/kg (as Ba)	PF	+	

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							(Rivm doc. May 1992 (CS/PM/1584)).				
36800	10022-31-8	BARIUM NITRATE	2-3	A5	M51	1584/1619	TDI: 3 mg/kg bw (for nitrate) based on ADI = 5 mg/kg bw on sodiumnitrate. (SCF, 26 Series, 1992). R: 1 mg/kg (as Ba) in food. (Rivm doc., May 1992 (CS/PM/1584)).	SML(T) = 1 mg/kg (as Ba)	PTFE	+	
36840		BARIUM TETRABORATE	2-3	Bx	M50/M49	1083,1584/	L3 for Barium. R: 1 mg/kg (as Ba) (Rivm doc., May 1992 (CS/PM/1584)). L2 for the borate. TDI: 0.2 mg/kg b.w. (as B) See references for boric acid (L2) in this report.	SML(T3)= 12 mg/kg (as B) and SML(T13)= 1 mg/kg (as Ba)			+
36880	08012-89-3	BEESWAX	0	A4	Rx					+	+
36960	03061-75-4	BEHENAMIDE	3	A4	Rx		Metabolized to ammonia and behenic acid		PO	+	
37040	00112-85-6	BEHENIC ACID	0	D	Rx				Same 12990/Cov. by 31328	+	+
37120	-	*BEHENIC ACID, ESTERS WITH PENTAERYTHRITOL	7	Bx	Rx		Needed: hydrolysis data.		PVC	+	
37200	53161-46-9	*BEHENIC ACID, MONOESTERS WITH PENTAERYTHRITOL	7	Bx	Rx		Needed: hydrolysis data.			+	
37240	-	BEHENIC ACID, SALTS	D	D						+	
37280	01302-78-9	BENTONITE	3	A4	Rx		Inert material.			+	+
37360	00100-52-7	BENZALDEHYDE	1	A4	Rx		Group ADI: 5 mg/kg b.w. as benzoic acid. (JECFA 11 M., 1967)			+	
37400	00539-48-0	*1,4-BENZENEDIMETHANAMINE	8	Bx	M49	1083/			Same 13030		+
37440	00080-17-1	*BENZENESULPHONIC ACID HYDRAZIDE	6A	Bx	M48/M44 /Rx			SML = 0.05 mg/kg (expressed as hydrazide)	PVC	+	
37520	02634-33-5	1,2-BENZISOTHIAZOLIN-3-ONE	2	A5	Rx		t-TDI: 0.02 mg/kg b.w. Available: several oral dog study and a 90-day oral rat study (RIVM June 1980). Needed: mutagenicity studies.	SML= 1.2 mg/kg	PE,PVAC,PVC	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
+	37530	111337-53-2	*1,2-BENZISOTHIAZOLIN-3-ONE, LITHIUM SALT	W-P	D		2190 (Elias)			New subst.	+	
	37600	00065-85-0	BENZOIC ACID	1	A4	Rx		Group ADI: 5 mg/kg b.w. (JECFA 27 M., 1983).		Same 13090	+	+
	37680	00136-60-7	BENZOIC ACID, BUTYL ESTER	2	A4	Rx		Group TDI: 5 mg/kg b.w. as benzoic acid for butyl-, ethyl-, methyl-, propylbenzoate on the basis of the Group ADI for benzoic acid. (JECFA 27 M., 1983)		PA,PVC	+	
	37760	-	*BENZOIC ACID, ESTERS WITH 1,2-PROPANEDIOL	D	D	M42/M38 /Rx	60,148,148 b,243,528			See 51840	+	
	37840	00093-89-0	BENZOIC ACID, ETHYL ESTER	2	A4	Rx		Group TDI: 5 mg/kg b.w. as benzoic acid for butyl-, ethyl-, methyl-, propylbenzoate on the basis of the Group ADI for benzoic acid. (JECFA 27 M., 1983).		PA	+	
	37920	00136-36-7	*BENZOIC ACID, 3-HYDROXYPHENYL ESTER	7	Bx	Rx		Needed: hydrolysis data.			+	
	38000	00553-54-8	BENZOIC ACID, LITHIUM SALT	2	A5	M47/M44 /M37	271,1040//	Group TDI: 0.01 mg/kg b.w. (as Li). Available: 90-day oral rat studies, mutagenicity data, therapeutic use of Li salts. (Rivm summary, Sept. 1991).	SML(T)= 0.6 mg/kg (as Li)	PO	+	
	38080	00093-58-3	BENZOIC ACID, METHYL ESTER	2	A4	Rx		Group TDI: 5 mg/kg b.w. as benzoic acid for butyl-, ethyl-, methyl-, propylbenzoate on the basis of the Group ADI for benzoic acid. (JECFA 27 M., 1983).		PA	+	
	38160	02315-68-6	BENZOIC ACID, PROPYL ESTER	2	A4	Rx		Group TDI: 5 mg/kg b.w. as benzoic acid for butyl-, ethyl-, methyl-, propylbenzoate on the basis of the Group ADI for benzoic acid. (JECFA 27 M., 1983).			+	
	38200	00119-53-9	*BENZOIN	8	Bx	M46	See 672			Same 13135		+
	38240	00119-61-9	BENZOPHENONE	2	A5	Rx		Group TDI: 0.01 mg/kg b.w. 90-day oral rat study and metabolism study (CIVO report R 3301, 1970).	SML(T20) = 0.6 mg/kg	PET	+	
	38280	00106-51-4	*BENZOQUINONE	8	Bx	M49	1287,1469* /			PVAC,UP		+
	38320	05242-49-9	4-(2-BENZOXAZOLYL)-4'-(5-METHYL-2-BENZOX	3-P	P	Rx	73,2088	Maximum amount to be used 0.05% (w/w).	?		+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
			AZOLYL) STILBENE				(Rossi-RIVM)					
	38400	00100-51-6	BENZYL ALCOHOL	1	Ax	M49	1083/	Group ADI: 5 mg/kg b.w. in the ADI for benzoic acid. (SCF, 11th Series, 1981).		Same 13150		◆
	38440	00056-37-1	*BENZYLTRIETHYLAMMONIUMCHLORIDE	8	Bx	M46						◆
	38480	00056-93-9	*BENZYLTRIMETHYLAMMONIUM CHLORIDE	8	Bx	M37					◆	◆
	38500	66022-60-4	*BETAINE TYPE METHACRYLIC POLYMER (N-METHACRYLOLYLETHYL-N,N-DIMETHYLAMMONIUM -alpha-N-METHYLCARBOXYLATE,OCTADECYL METHACRYLATE,ETHYL METHACRYLATE,CYCLOHEXYL METHACRYLATE,n-VINYL-2-PYRROLIDONE,COPOLYMERS	D	D					Same 65920	◆	
◆	38515	1533-45-5	*4,4'-BIS(2-BENZOXAZOLYL)STILBENE	P	D		2267,2352 (mM)(RIVM)				◆	
	38530	32509-66-3	BIS(3,3-BIS(4-HYDROXY-3-tert-BUTYLPHENYL)BUTANOIC ACID), ESTER WITH ETHYLENEGLYCOL	D	D				See 53670		◆	◆
	38560	07128-64-5	2,5-BIS(5-tert-BUTYL-2-BENZOXAZOLYL)THIOPHENE	2	A5	Rx		TDI: 0.01 mg/kg b.w. 90-day oral dog and rat studies, 1-year (+ 0.5-year recovery) study in mice showed accumulation in tissues by fluorescence. (RIVM, doc. tox. 300/277, June 1981).	SML= 0.6 mg/kg		◆	◆
	38565	90498-90-1	*3,9-BIS[2-(3-(tert.BUTYL-4-HYDROXY-5-METHYLPHENYL)PROPIONYLOXY)-tert.BUTYL]-2,4,8,10-TETRAOXASPIRO[5.5]UNDECANE	W7-P	D	M53	1727,2029	Available: 3 negative, mutagenicity studies, 90-day oral rat study with evidence of hepato- and renal toxicity, high bioaccumulation potential, inadequate report on migration data (CS/PM/1762, 2029). Needed: bioaccumulation study in vivo in liver and fat.		New subst.	◆	
	38570	00079-96-9	*2,2-BIS(3-tert.BUTYL-4-HYDROXYPHENYL)PROPANE	8	Bx	M46	672/					◆
	38580	57569-40-1	BIS(2-tert-BUTYL-4-METHYL-6-(3-tert-BUTYL-5-METHYL-2-HYDROXYBENZYL) PHENYL)TEREPHTHALATE	D	D				See 92205		◆	◆

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	38600	00078-63-7	*2,5-BIS(tert-BUTYLPEROXY)-2,5-DIMETHYLHEXANE	9	Bx	M50		Specification for use.		PO/Spec(U)	+	
	38615	02212-81-9	*1,3-BIS(tert-BUTYLPEROXYISOPROPYL)BENZENE	9	Bx	M50		Specification for use.		PO,PS,PUR,UP/Spec(U)	+	
	38625	02781-00-2	*1,4-BIS(tert-BUTYLPEROXYISOPROPYL)BENZENE	9	Bx	M50		Specification for use.		PP,PUR/Spec(U)	+	
	38640		See 38700	D	D						+	
	38700	63397-60-4	BIS(2-CARBOBUTOXYETHYL)TIN-BIS(ISOOCTYL MERCAPTOACETATE)	2	A5	M36	222/	t-TDI: 0.3 mg/kg b.w. pending additional mutagenicity studies. Available: 28-day in young rats and 90-day oral rat studies and Ames test. (RIVM report 89/678608/003, 1989-04-04).	SML= 18 mg/kg	PVC	+	
	38720	105350-68-3	*2,2-BIS[4-(2-(3,5-DI-tert-BUTYL-4-HYDROXYHYDRO CINNAMOYLOXY))ETHOXYPHENYL]-PROPANE	W	D	M34					+	
	38750	00118-82-1	*BIS(3,5-DI-tert-BUTYL-4-HYDROXYPHENYL)METHANE	D	D						+	+
	38780	23128-74-7	N,N'-BIS(3-(3,5-DI-tert-BUTYL-4-HYDROXYPHENYL)PROPIONYL)HEXAMETHYLENEDIAMINE	D	D				See 59120		+	+
	38800	32687-78-8	N.N'-BIS(3-(3,5-DI-tert-BUTYL-4-HYDROXYPHENYL)PROPIONYL) HYDRAZIDE	2	A5	M43/M42 /Rx	54,177,424 ,506,524,530/	TDI: 0.25 mg/kg b.w. 3 month oral rat study, mutagenicity studies. Migration data. (RIVM, September 1990).	SML= 15 mg/kg		+	
	38820	26741-53-7	BIS(2,4-DI-tert-BUTYLPHENYL) PENTAERYTHRITOL DIPHOSPHITE	2	A5	Rx		TDI: 0.01 mg/kg b.w. 90-day oral rat and 4-month oral dog studies and Ames test. (RIVM, Doc. Tox. 300/335, June 1982).	SML= 0.6 mg/kg		+	+
+	38860	47910-88-3	*4,4'-BIS[[4-DIETHANOLAMINO-6-(m-SULPHOANILINO)-s-TRIAZIN-2-YL]AMINO]-2,2'-STILBENEDISULPHONIC ACID	7	Bx	M54	1083,2088/ /	Available: data on structurally related substances. Reports questionable. Needed: migration data and toxicity tests according to SCF guidelines on a compound representative of the group (38860/38862/38864/38870/39800/39930). (RIVM doc. CS/PM/2088).				+
+	38862		*4,4'-BIS[[4-DIETHANOLAMINO-6-(o-SULPHOA	7	Bx	M54	1083,2088/	Available: data on structurally related substance.				+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
			NILINO)-s-TRIAZIN-2-YL]AMINO]-2,2'-STILBENEDISULPHONIC ACID				/	Reports questionable. Needed: migration data and toxicity tests according to SCF guideline for one of the following substances: 38860/38862/38864/38870/39800/39930.				
+	38864		*4,4'-BIS[[4-DIETHANOLAMINO-6-(p-SULPHOANILINO)-s-TRIAZIN-2-YL]AMINO]-2,2'-STILBENEDISULPHONIC ACID	7	Bx	M54	1083,2088/ /	Available: data on structurally related substance. Reports questionable. Needed: migration data and toxicity tests according to SCF guidelines for one of the following substances: 38860/38862/38864/38870/39800/39930.				+
+	38870		*4,4'-BIS[[4-DIETHYLAMINO-6-(2,5-DISULPHOANILINO)-s-TRIAZIN-2-YL]AMINO]-2,2'-STILBENEDISULPHONIC ACID	7	Bx	M54	1083,2088/ /	Available: data on structurally related substance. Reports questionable. Needed: migration data and toxicity tests according to SCF guideline for one of the following substances: 38860/38862/38864/38870/39800/39930.				+
+	38879	135861-56-2	*BIS(3,4-DIMETHYLBENZYLIDENE)SORBITOL	P			2202,2282 (M490)(RIVM)			New subst/Add	+	
	38880		See 38820	D	D						+	+
	38890		*2,2-BIS(3,5-DI-n-OCTYL-4-HYDROXYPHENYL) PROPANE	8	Bx	M49	1083					+
	38910		*BIS(4-DIPHENYLSULPHONIUM)PHENYLSULPHIDE-BIS(HEXAFLUOROANTIMONATE)	68	Bx	MS2/M49		List 8 for the compound. List 68 for Sb. R : 0.01 mg/kg of food (as Sb).	SML(T17) = 0.01 mg/kg (as Sb)			+
	38920		See 38950	D	D						+	+
	38930	74227-35-3	*BIS(4-DIPHENYLSULPHONIUM)PHENYLSULPHIDE-BIS(HEXAFLUOROPHOSPHATE)	8	Bx	M46	672/1764 (F?)(Rossi)					+
	38950	79072-96-1	BIS(4-ETHYLBENZYLIDENE)SORBITOL	2	A4	M38	240,276/985,1103	Group TDI: 1 mg/kg b.w. (with bis(4-ethylbenzylidene) sorbitol, bis(methylbenzylidene) sorbitol and dibenzylidene sorbitol). Several 90-day mouse and rat studies, several mutagenicity tests negative. (RIVM Doc. 88/678608/008, 1 Nov. 1988; RIVM Doc.		Similar to 39890	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								Tox 300/425, May 1983, RIVM 15 Nov. 1989).				
	38960		BIS...	D	D				See 39060		+	+
	38970	-	*N,N-BIS-(2-ETHYLHEXYL)GLYCINE, SODIUM SALT	8	Bx	M50				PAN	+	
	39010	00088-24-4	BIS(2-HYDROXY-3-tert-BUTYL-5-ETHYLPHENYL)METHANE	D	D				See 66400		+	+
	39025	00119-47-1	BIS(2-HYDROXY-3-tert-BUTYL-5-METHYLPHENY L)METHANE	D	D				See 66480		+	+
	39040		See 39090	D	D						+	+
	39045	04066-02-8	BIS(2-HYDROXY-3-CYCLOHEXYL-5-METHYLPHENY L)METHANE	D	D				See "66560"		+	+
	39060	35958-30-6	1,1-BIS(2-HYDROXY-3,5-DI-tert-BUTYLPHENY L)ETHANE	3	A5	M49/Rx	84,986/141 0,1541//	R: 5 mg/kg in food. Available: 3-month oral rat and dog studies, reproduction study and tests for mutagenicity negative. (RIVM doc. February 1992).	SML = 5 mg/kg		+	
	39090	-	N,N-BIS(2-HYDROXYETHYL)ALKYL(C8-C18)AMIN E	2-P	A5	M39/R1	1900+,2360 (90)(RIVM)	Group t-TDI: 0.02 mg/kg b.w. (as "free" amine) (with N,N-bis(2-hydroxyethyl)alkyl(C8-C18)amine and N,N-bis(2-hydroxyethy l)alkyl(C8-C18)amine hydrochlorides). See references for N,N-bis(2-hydroxyethyl)alkyl(C8-C18)amine hydrochlorides.	SML(T)= 1.2 mg/kg (expressed as "free" amine)	Look at 39120/Mixt	+	+
	39120	-	N,N-BIS(2-HYDROXYETHYL)ALKYL(C8-C18)AMIN E HYDROCHLORIDES	2	A5	M39/Rx	84,329,332 /351,407	Group t-TDI: 0.02 mg/kg b.w. (as "free" amine)(with N,N-bis(2-hydroxyethyl)alkyl(C8-C18)amine). Available: 90-day oral rat and dog studies. (RIVM report, November 1971). Needed: adequate 28-day oral study.	SML(T)= 1.2 mg/kg (expressed as "free" amine).	PP	+	
+	39140	00136-26-5	*N,N-BIS(2-HYDROXYETHYL)DECANAMIDE	7	Bx	M54/M52	1665//2089 ,2109//	Same references as 30725.		S1(30720)	+	
	39160	00111-46-6	BIS(2-HYDROXYETHYL) ETHER	-	-				See 47680		+	+
	39200	06200-40-4	BIS(2-HYDROXYETHYL)-2-HYDROXYPROPYL-3-(D ODECYLOXY) METHYLAMMONIUM CHLORIDE	2	A5	Rx		TDI: 0.03 mg/kg b.w. 90-day oral rat study. (CIVO report R2491 September. 1967 and 2628	SML= 1.8 mg/kg	PO,PS,PVC	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								February 1968).				
+	39280	00120-40-1	*N,N-BIS(2-HYDROXYETHYL)LAURAMIDE	7	Bx	M54/Rx	1372*,1449*,2089,2109//	Same references as 30725.			+	+
	39360	-	*N,N-BIS(2-HYDROXYETHYL)OCTADECYLAMINE, N(2-HYDROXYETHYL-N-OCTADECYLGLYCINE(MONO SODIUM SALT/AND N,N'-BIS(HYDROXYETHYL)-N-(CARBOXYMETHYL) OCTADECANAMINIUM HYDROXIDE (INNER SALT) COMPON. MIXT. OF REACTION	9	Bx	M37				PP/See the complete name in the field "EXPLANAT"	+	
	39440	58767-50-3	*N,N-BIS(2-HYDROXYETHYL)-N-(n-OCTYL)-N-METHYLAMMONIUM 4-TOLUENESULPHONATE	8	Bx	Rx				PS	+	+
+	39480	00093-83-4	*N,N-BIS(2-HYDROXYETHYL)OLEAMIDE	7	Bx	M54/M52	1665//2089,2109//	Same references as 30725.		S1(30720)	+	
+	39520	00093-82-3	*N,N-BIS(2-HYDROXYETHYL)STEARAMIDE	7	Bx	M54/Rx	2109//	Same references as 30725.			+	
	39560	00077-99-6	2,2-BIS(HYDROXYMETHYL)-1-BUTANOL	D	D					Same 94960	+	+
+	39600	00077-62-3	BIS(2-HYDROXY-3-(1-METHYLCYCLOHEXYL)-5-METHYLPHENYL)METHANE	D	D	M56/Rx				Same 66580/	+	+
	39630	00140-95-4	*N,N'-BIS(HYDROXYMETHYL)UREA	8	Bx	M49	1083					+
	39650	00620-92-8	*BIS(4-HYDROXYPHENYL)METHANE	8	Bx	M46	See 672			Same 13457/Studies ongoing		+
	39680	00080-05-7	2,2-BIS(4-HYDROXYPHENYL)PROPANE	2	AS	Rx		TDI: 0.05 mg/kg b.w. 90-day and long-term oral studies in mice and rats. (CIVO rep. N. R 6229, November 1979).	SML= 3 mg/kg	Same 13480	+	
	39730	25068-38-6	*2,2-BIS(4-HYDROXYPHENYL)PROPANE-EPICHLOROHYDRIN COPOLYMER	9	Bx	M49	462,463//			PET,PUR,PVC,PVDC	+	
	39750	25265-71-8 and 110-98-5	BIS(HYDROXYPROPYL) ETHER	D	D					Same 51760	+	+
	39760		See 39890	D	D						+	
+	39800	07342-13-4	*4,4'-BIS[[4-METHOXY-6-[illegible]	7	Bx	M54	1083,2088/	Available: data on structurally related substance.				+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
			-2-YL]AMINO]-2,2'-STILBENEDISULPHONIC ACID				/	Reports questionable. Needed: migration data and toxicity tests according to SCF guideline on a compound representative of the group: 38860/38862/38864/38870/39800/39930. (RIVM doc. CS/PM/2088).				
	39890	87826-41-3 69158-41-4	BIS(METHYLBENZYLIDENE) SORBITOL (add CASN 54686-97-4)	2	A4	M38/M35	123,178,268/	Group TDI: 1 mg/kg b.w. (with bis(4-ethylbenzylidene)sorbitol and bis(methylbenzylidene) sorbitol). 28- and 90-day oral rat studies, one in-vitro mutagenicity study. See references for bis(4-ethylbenzylidene)sorbitol.			+	
	39920	00085-60-9	*1,1-BIS(2-METHYL-4-HYDROXY-5-tert-BUTYL PHENYL)BUTANE	7	Bx	M52/M50 /R1	1070/1653/ /	Available: data from 30- and 90-day oral rat studies inadequate. Needed: in first instance migration and mutagenicity data.			+	+
+	39930		*4,4'-BIS[[4-MONO- AND DIETHANOLAMINO-6-ANILINO-s-TRIAZIN-2-YL] AMINO]-2,2'-STILBENEDISULPHONIC ACID	7	Bx	M54	1083,2088/ /	Available: data on structurally related substance. Reports questionable. Needed: migration data and toxicity tests according to SCF guidelines on a compound representative of the group: 38860/38862/38864/38870/39800/39930.				+
+	39945		*4,4'-BIS[[4-MORPHOLINO-6-(2,5-DISULPHOANILINO)-s-TRIAZIN-2-YL]AMINO]-2,2'-STILBENEDISULPHONIC ACID	7	Bx	M54	1083,2088/ /	Available: data on structurally related substance. Reports questionable. Needed: migration data and toxicity tests according to SCF guidelines on a compound representative of the group (39945/39960). (RIVM doc. CS/PM/2088).				+
+	39960		*4,4'-BIS[[4-MORPHOLINO-6-(p-SULPHOANILINO)-s-TRIAZIN-2-YL]AMINO]-2,2'STILBENEDISULPHONIC ACID	7	Bx	M54	1083,2088/ /	Available: data on structurally related substance. reports questionable. Needed: migration data and toxicity tests according to SCF guidelines on a compound representative of the group (39945/39960). (RIVM doc. CS/PM/2088).				+
	39980	-	*BIS(N,N'-METHYL-beta-HYDROXYETHYL)-HEXAMETHYLENEBISUREA	8	Bx	M49				PUR	+	
	40000	00991-84-4	2,4-BIS(OCTYLMERCAPTO)-6-(4-HYDROXY-3,5-DI-tert-BUTYLANILINO)-1,3,5-TRIAZINE	2	A5	Rx		TDI: 0.5 mg/kg b.w. 90-day oral rat and dog studies. (RIVM monograph 300/211, December 1980).	SML= 30 mg/kg	ABS,PP,PS	+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
40020	110553-27-0	2,4-BIS(OCTYLTHIOMETHYL)-6-METHYLPHENOL	2	A5	M46/M43 /M42	465,465-2, 578/930/97 0	TDI: 0.1 mg/kg Available: 1- and 3-month oral rat studies and teratogenicity studies in rats. Bioaccumulation and mutagenicity studies and migration data. (RIVM 90/6786008/008).	SML = 6 mg/kg	New subst.	+	
40040	13259-35-3	*BIS(PENTAERYTHRITOL) ADIPATE	9	Bx	M49	829			S1(30880)	+	
40060	00080-05-7	BISPHENOL A	-	-				See 39680		+	
40080	13879-32-8	*BIS(PHENOXYETHYL)FORMAL	8	Bx	Rx				PVC	+	+
40120		*BIS(POLYETHYLENEGLYCOL) HYDROXYMETHYLPHOSPHONATE	9	Bx		462,463			PET	+	
40160	61269-61-2	N,N'-BIS(2,2,6,6-TETRAMETHYL-4-PIPERIDYL)HEXAMETHYLENEDIAMINE-1,2-DIBROMOETHANE, COPOLYMER	2	A5	Rx	2	t-TDI: 0.04 mg/kg b.w. pending results of mutagenicity study in eukaryotic cells. Available: 90-day oral rat study, rat teratogenicity study and mutagenicity study. (HRC reports MTI 135/85733/ST, 24 Sept.1985 and MTI 133/85540, 14 August 1985 plus Farmitalia report 6 March 1985).	SML= 2.4 mg/kg	PP	+	
40240	-	BIS(TRIETHYLENEGLYCOL) HYDROXYMETHYLPHOSPHONATE	2	A5	Rx		t-TDI: 0.01 mg/kg b.w. Available: 90-day oral rat study and migration < 0.1 ppm. (RIVM doc. Oct. 1970). Needed: mutagenicity studies.	SML= 6 mg/kg	PET/Cov.by 77840	+	
40300	08001-85-2	*BONE OIL	8	Bx	M52/M49	1083//					+
40320	10043-35-3	BORIC ACID	2	A5	Rx	1083/	Group TDI: 0.2 mg/kg b.w. (as B). Several short term, 90-day and 2-year oral rat studies, 38-week and 2-year oral dog studies and a 3 generation oral rat study. A two year oral mouse carcinogenicity study. (Toxicol. Appl. Pharmacol. 1972, 23, 351-364, NTP report TR 324, 26 March 1986).	SML(T)= 12 mg/kg (as B)	Same 13615	+	+
40400	10043-11-5	BORON NITRIDE	3	A4	Rx		Inert, insoluble material.		PEEK	+	
40430	00109-63-7	*BORON TRIFLUORIDE ETHERATE	8	Bx	M52/M49		L8 for the compound. L2 for the Boron. TDI: 0.2 (as B). See references for boric acid in list 2.	SML(T3) = 12 mg/kg (expressed as B)	POM		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	40445	61791-99-9	*2-BROMO-4-HYDROXYACETOPHENONE	8	Bx	M50	1083/	Data exist but are not available to SCF.		Give existing data		+
	40460	00052-51-7	*2-BROMO-2-NITRO-1,3-PROPANEDIOL	8	Bx	M50	1083/			Give existing data!		+
	40480	07166-19-0	*2-BROMO-2-NITROSTYRENE	8	Bx	Rx	302,355				+	
	40490		*BUTADIENE-DIVINYLBENZENE, COPOLYMER	9	Bx	M44	462,463/			PE	+	
	40500		*BUTADIENE-DIVINYLBENZENE-METHYL METHACRYLATE-STYRENE, COPOLYMER	9	Bx	M44	462,463/			PVC,PVCC	+	
	40510		*BUTADIENE-DIVINYLBENZENE-STYRENE, COPOLYMER	9	Bx	M44	462,463/			PE	+	
	40520		*BUTADIENE-METHACRYLIC ESTERS OF ALCOHOLS, ALIPHATIC, MONOHYDRIC, SATURATED (C1-C18)-STYRENE, COPOLYMERS	9	Bx		462,463			PVC	+	
	40530		*BUTADIENE-2-METHYL-1,3-BUTADIENE, COPOLYMER	9	Bx		462,463			PS	+	+
	40535		*BUTADIENE-2-METHYL-1,3-BUTADIENE-STYRENE, COPOLYMER	9	Bx		462,463			PO	+	
	40545	25053-09-2	*BUTADIENE-METHYL METHACRYLATE-STYRENE, COPOLYMER	9	Bx		462,463			PVC,PVCC	+	
	40555	09003-55-8	*BUTADIENE-STYRENE, COPOLYMER	9	Bx	M49	462,463//			A	+	
	40560		See 40630	D	D						+	
	40570	00106-97-8	BUTANE	3	A4	M50/M42	453/	Volatile compound.			+	
+	40580	00110-63-4	*1,4-BUTANEDIOL	8	Bx	M54/Rx				PUR/Same 13720	+	
	40590	00071-36-3	1-BUTANOL	3	D	M44		See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C24)" (PM/REF.N. 33120) in SCF list 3.		MF/PF/UF/Same 13840/Cov. by 33120	+	+
	40592	00078-92-2	*2-BUTANOL	8	Bx	M44				PO/Same 13842	+	+
	40594	00075-65-0	tert-BUTANOL	3	Ax	M49	1083/	Residue in food less than 10 mg/kg. (SCF, 11th Series, 1981; EHC 65).		Same 13845		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
+	40597	25895-47-0	*1-BUTENE-ETHYLENE-PROPYLENE, COPOLYMER	P	P		2361 (I,Mw)(Boh me-TNO)			New subst.	+	
	40600		*BUTENE-ETHYLENE-PROPYLENE-VINYL ESTERS-UNSATURATED ALIPHATIC ACIDS (INCLUDING THEIR SALTS AND ESTERS), COPOLYMERS	9	Bx	M44	462,463/			PA,PE,PIB,PVC	+	
	40610	00598-32-3	*3-BUTEN-2-OL	6A	Bx	M48/M44	482		SML = 0.05 mg/kg (expressed as vinyl).	PVA,PVDC/Same 13932		+
	40618	05131-66-8	*1-BUTOXY-2-PROPANOL	8	Bx	M46	672/					+
	40624		*BUTYL ACRYLATE-VINYLPYRROLIDONE, COPOLYMER	9	Bx	M44	462,463/			PVC,PVCC	+	
	40630	02782-40-3	*N-BUTYLBENZAMIDE	8	Bx	Rx				PA	+	
	40635	26935-10-4	*BUTYL CARBAMATE-FORMALDEHYDE, COPOLYMER	9	Bx	M49	1083					+
	40640	00098-29-3	*4-tert-BUTYLCATECHOL	8	Bx	M38	1514*			ABS,PS,UP	+	
	40720	25013-16-5	tert-BUTYL-4-HYDROXYANISOLE (=BHA)	1	A5	Rx		t-ADI: 0.5 mg/kg b.w. (SCF, 22th Series, 1989).	SML= 30 mg/kg		+	+
	40740		*2-(3-tert-BUTYL-4-HYDROXYPHENYL)-2-(4-HYDROXYPHENYL)PROPANE	8	Bx	M49	1083					+
	40770	00085-60-9	*4,4'-BUTYLIDENEBIS(6-tert-BUTYL-m-CRESOL)	-	-				See "39920"		+	+
	40800	13003-12-8	4,4'-BUTYLIDENEBIS(6-tert-BUTYL-3-METHYL PHENYL-DITRIDECYL PHOSPHITE)	2	A5	Rx		TDI: 0.1 mg/kg b.w. 90-day oral rat study. (CIVO report 5254, February 1977).	SML= 6 mg/kg		+	+
	40840	01638-22-8	*4-BUTYLPHENOL	8	Bx	M46	672/					+
+	40850	00098-54-4	*4-tert-BUTYLPHENOL	7	Bx	M57/M56 /M50	1083/2037/ //2217//	Available: 3 negative mutagenicity tests and migration data. (CS/PM/2037). Needed: data on usage, maximum percentage in formulation, maximum contact temperature in practice, IR/NMR spectra or data on purity/impurities.		Same as 14020		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
+	40865	50696-71-4	*tert-BUTYLPHENOL DISULPHIDE	D	D	M49				PVE/Same 47120	+	
+	40880	15666-29-2	BUTYLTHIOSTANNOIC ACID	D	D	Rx	164/	See '47210'.		Del and replaced by 47210 according to SCF	+	+
+	40960	26935-10-4	*BUTYLURETHANE-FORMALDEHYDE, COPOLYMER	D	D	Rx	351,1341*/ /			Same as 40635	+	+
	40980	-	BUTYRIC ACID, MANGANESE SALT	2	A5	M52/M49		L0 for butyric acid. L2 for the Mn. TDI: 0.01 mg/kg (as Mn). See references for 30180 in L2 in this report.	SML(T16) = 0.6 mg/kg (as Mn)	PVAC	+	
	41000	00096-48-0	*gamma-BUTYROLACTONE	8	Bx	M46	See 672					+
+	41010	?	*CALCIUM ALUMINIUM HYDROXYPHOSPHITE, BASIC	D	D				See "34475"	New subst/See 34475	+	
	41020	65140-91-2	CALCIUM BIS(3,5-DI-tert-BUTYL-4-HYDROXYBENZYL-MONOETHYL)PHOSPHONATE	D	D					Same 46880	+	+
	41040	05743-36-2	CALCIUM BUTYRATE	0	A4	Rx					+	
	41120	10043-52-4	CALCIUM CHLORIDE	1	D	Rx		ADI: not specified. (SCF, Rx).		2A/D4 when hydrochloric acid will be assessed	+	
	41200	07789-75-5	*CALCIUM FLUORIDE	7	Bx	Rx		Needed: migration data.		POM	+	
	41280	01305-62-0	CALCIUM HYDROXIDE	1	A4	Rx		ADI: not specified. (SCF, Rx).			+	+
	41360	10101-39-0	*CALCIUM METASILICATE	7	Bx	Rx		Needed: migration data.			+	
	41440	-	*CALCIUM 2-METHOXYBENZOATE	8	Bx	Rx				PVC,PVCC	+	
	41520	01305-78-8	CALCIUM OXIDE	1	A4	Rx		ADI: not specified. (SCF, Rx).			+	+
	41600	12004-14-7 37293-22-4	CALCIUM SULPHOALUMINATE	2	A4	M50/M37		TDI: 1 mg/kg bw (as Al) based on PTWI= 7 mg/kg bw (as Al).			+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								(SCF, 25th Series, 1991).				
	41680	00076-22-2	CAMPHOR	3	A4	Rx		Natural compound with strong flavour.		CN	+	+
	41760	08006-44-8	CANDELILLA WAX	3	A4	Rx		Natural wax. Purity to be specified.		SCF: Spec(P)	+	+
	41800	00142-62-1	CAPROIC ACID	-	-				See 59360		+	
	41840	00105-60-2	CAPROLACTAM	2	A5	Rx		Group TDI: 0.25 mg/kg b.w. Two 90-day oral rat studies and 90-day oral studies in mice and dogs. (CIVO report 3489 June 1971 and NTP tech. Rep. Ser. 214, NTP 80-26).	SML(T)= 15 mg/kg	PUR/Y,Z/Same 14200	+	
	41880	00502-44-3	*CAPROLACTONE	8	Bx	M50/M49	1083,1580/ /	Data on migration are inadequate.		Same 14620		+
	41920		*epsilon-CAPROLACTONE-ETHYLENEIMINE-LAURIC ACID, COPOLYMER	W9	D	M52/M37		In first instance provide information on identity.		PE/PVC	+	
	41960	00124-07-2	CAPRYLIC ACID	0	D	Rx	1083			Same 14320/Cov. by 31320	+	+
	42000	63438-80-2	(2-CARBOBUTOXYETHYL)TIN-TRIS(ISOOCTYL MERCAPTOACETATE)	2	A5	M36	223/	t-TDI: 0.5 mg/kg b.w. pending additional mutagenicity studies Available: 35-day in young and 90-day oral rat studies and Ames test. (RIVM report 89/678608/002, 1989-04-04).	SML= 30 mg/kg	PVC,PVCC	+	
	42080	01333-86-4	CARBON BLACK	3	Ax	M52	1901+,2041 //	Criteria purity shall be established. Carbon black should be free from aromatic hydrocarbons (CS/PM/2041).	Max.toluene extractable fraction = 0.15%/Colorant.	Colorant.	+	+
	42160	00124-38-9	CARBON DIOXIDE	1	A4	M49		ADI: not specified. (JECFA 23rd M., 1980).			+	+
+	42240	-	*CARBON FIBERS	9	Bx	M54	351,1287//				+	+
	42320	07492-68-4	CARBONIC ACID, COPPER SALT	1	A5	Rx		PMTDI: 0.5 mg/kg b.w. for copper. (JECFA 26 M., 1982).	SML(T)= 30 mg/kg (as Cu)	PA	+	+
	42360	10290-71-8	CARBONIC ACID, IRON SALT	D	D						+	
	42400	10377-37-4	CARBONIC ACID, LITHIUM SALT	2	A5	M37	1040	Group TDI: 0.01 mg/kg b.w. (as Li). See references for benzoic acid, lithium salt.	SML(T)= 0.6 mg/kg (as Li)		+	
	42480	00584-09-8	CARBONIC ACID, RUBIDIUM SALT	2	A5	Rx		TDI: 0.2 mg/kg b.w.	SML= 12 mg/kg	PET	+	

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							90-day oral rat study on diet low in K+. Normal food may contain up to 140 mg/kg, average daily intake for man 1-4 mg. (RIVM 617601002, 1981).				
42500	-	CARBONIC ACID, SALTS	1	A4	Rx	2255//	ADI: not specified for carbonate. (SCF, Rx).			+	+
42560		CARBON VEGETABLE	1/D	D	M52/Rx		Food grade acceptable. (SCF, 4th Series, 1977).			+	
42640	09000-11-7	CARBOXYMETHYLCELLULOSE	2	A4	M41/Rx		Group TDI: not specified based on Group ADI (=not specified) for certain modified celluloses. (JECFA 35 M, 1989).			+	+
42680	03401-73-8	*N-(3-CARBOXY-2-SULPHOPROPIONYL)-N-OCTADECYL-L-ASPARTIC ACID, TETRASODIUM SALT	W8	D	M52	1423*/			New subst.	+	
42720	08015-86-9	CARNAUBA WAX	3	A4	Rx		Natural wax. Purity to be specified.		SCF:Spec(P)	+	+
42760/10	09000-07-1	CARRAGEENAN	1	Ax	M52/M50	1083,1626//	ADI : 75 mg/kg bw. (SCF, in press (cs/pm/1626)).				+
42760/11	09000-07-1	*CARRAGEENAN	9	Bx	M49						+
42800	09000-71-9	CASEIN	0	A4	Rx					+	+
42880	08001-79-4	CASTOR OIL	3	D	M52/Rx		Food fat.		Cov. by 54450	+	+
42960	64147-40-6	CASTOR OIL, DEHYDRATED	3	A4	M52/M35		Similar to fats food.		Same 14440	+	+
43040	-	*CASTOR OIL, EPOXIDIZED (OXIRANE LESS THAN 5%, IODINE NUMBER LESS THAN 6)	8	Bx	M44/Rx					+	
43120	08001-78-3	CASTOR OIL, HYDROGENATED	3	D	M52/M35	1733//	Identical with or similar to food fat.		Cov. by 54480	+	+
43200	-	CASTOR OIL, MONO- AND DIGLYCERIDES	3	A4	M52		Toxicologically acceptable.		PE,PVC	+	
43230	08002-33-3	*CASTOR OIL, SULPHATED	9	Bx	M49	1083			Cov.by 54640		+
43260	101316-48-7	*CASTOR OIL SULPHONATED	9	Bx	M49	1083			Cov.by 54650		+
43265	-	*CASTOR OIL, SULPHONATED, SODIUM SALT	8	Bx	M49				Cov.by 54650	+	
43280	09004-34-6	CELLULOSE	0	A4	M53/M41 /Rx				Same 14500(LO)/Pol-M	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
										icrocrystalline included		
	43300	09004-36-8	CELLULOSE ACETATE BUTYRATE	3	A4	M50/M44		Inert material, modified natural cellulose.		PVC/Same 14508	+	+
	43330	09004-70-0	CELLULOSE NITRATE	D	D						+	
	43360	68442-85-3	CELLULOSE, REGENERATED	2	A4	M41/Rx		Group TDI: not specified based on Group ADI (=not specified) for certain modified cellulose. (JECFA 35 M., 1989).			+	
	43390	09012-09-3	*CELLULOSE TRIACETATE	9	Bx	M49				PC,UP	+	
	43410	08001-75-0	CERESIN	D	D						+	
	43440	08001-75-0	CERESIN	3	A4	Rx		Refined, natural, crystalline wax. Purity to be specified.		SCF: Spec(P)/Name changed. Del "Refined"	+	
+	43470	11129-18-3	*CERIUM OXIDE	8	Bx	M54	1083,2090/ /	Available: several studies on mixtures of lanthanides. Most insufficient for evaluation of use in food contact applications (RIVM doc. for Cerium (CS/PM/2090)).				+
	43490	01332-58-7	CHINA CLAY (=Natural aluminium silicate)	-	-				See 62720		+	+
	43495	66402-68-4	CHINA CLAY, CALCINED	-	-				See 62800		+	
	43520	-	*CHLORIDES OF CHOLINE ESTERS OF LINEAR NATURAL MONOCARB.ACIDS	9	Bx	Rx	1874+				+	+
	43600	04080-31-3	1-(3-CHLOROALLYL)-3,5,7-TRIAZA-1-AZONIAA DAMANTANE CHLORIDE	2	AS	Rx		TDI: 0.005 mg/kg b.w. Two 90-day oral rat and a dog studies and teratogenicity studies in rats and rabbits and negative mutagenicity studies. (RIVM doc. December 1983).	SML= 0.3 mg/kg	PAM	+	+
	43630	00059-50-7	*p-CHLORO-m-CRESOL	8	Bx	M49	1083/	There are data (confidential!), but they have not been transmitted.		Give existing data!		+
	43650	00075-68-3	*1-CHLORO-1,1-DIFLUOROETHANE	W7	D	M56/M43	1843+,2010 ,2110//	Available: semichronic and chronic inhalation studies in rats, 2 inhalation teratogenicity studies in rats, several Ames tests and two in vivo mutagenicity studies, migration data. Needed: reproduction study.		New subst/PS	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	43680	00075-45-6	CHLORODIFLUOROMETHANE	2	A5	M56/M41 /M39/Rx	251,365,45 0/2110//	TDI: 0.1 mg/kg b.w. (based on teratogenicity study). Specification: free from carcinogenic substances. One year oral rat study. Several inhalation studies in several animal species, including teratogenicity in rabbits. Mutagenicity tests in-vitro and in-vivo. N.B. The Committee has not considered the environmental implications of the use of the solvent in food technology, but recognises that environmental considerations should take precedence over its own evaluations on this occasion.	SML= 6 mg/kg	PE,PS/Free from carcinogenic impurities.	+	
	43760	26172-55-4	5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE	4	A5	Rx		90-day oral rat and dog studies. Reproduction and teratogenicity studies in rabbits, 3 mutagenicity studies. (RIVM Doc.Tox.300/430 May 1979, September 1983, June 1984). Very potent sensitizer.	SML= 0.01 mg/kg		+	+
	43780	10141-00-1	*CHROME ALUM	D	D		1083,2039			Same 92020		+
	43800		*CHROMIC ACID	9	Bx	M49	1083,2039					+
	43820	-	*CHROMIC CHLORIDE COMPLEX WITH LINEAR SAT.MONOCARB.ACIDS (C16 AND ABOVE)	D	D		2039				+	
	43840	15659-56-0	*CHROMIC CHLORIDE MYRISTATE	8	Bx	Rx	2039				+	
	43920	15242-96-3	*CHROMIC CHLORIDE STEARATE	9	Bx	Rx	2039			Cov.by 43820	+	
	43950	10025-73-7	*CHROMIUM(III) CHLORIDE	7	Bx	M56/M52	1044,1653/ /2039//	Available: RIVM report (CS/PM/1044 and 2039). Needed: in first instance migration data.				+
	43980	11118-57-3	*CHROMIUM OXIDE	9	Bx	M55/M49	1083,2039/ /			PE		+
+	44000	01333-82-0	CHROMIUM TRIOXIDE	5	D	M55/M38	2039//	Cr(VI) is a genotoxic carcinogen (IARC monograph 1980, vol. 23).			+	
	44080	00104-55-2	CINNAMALDEHYDE	5	D	Rx/M41					+	
	44160	00077-92-9	CITRIC ACID	1	A4	Rx		Group ADI: not specified for citric acid and its salts. (SCF, 25th Series, 1990).		Same 14680	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
+	44240	-	*CITRIC ACID, ALKYL, PRIMARY (C2-C12), ESTERS	9	Bx	M54/M46 /Rx	956,1083/2 117//	Group R: 0.05 mg/kg b.w.	SML(Tp1) = 3 mg/kg		+	+
+	44280	29589-99-9	*CITRIC ACID, DIOCTADECYL ESTER	6B	Bx	M54/M49	1083/	Group R: 0.05 mg/kg b.w. Needed: specification on identity and toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tp1) = 3 mg/kg			+
	44300	110638-71-6 *	*CITRIC ACID, LITHIUM SALT, REACTION PRODUCT WITH VERMICULITE	W-P	D		2004 (mM28) (RIVM)			New subst	+	+
	44320	01321-57-9	*CITRIC ACID, MONOISOPROPYL ESTER	7	Bx	Rx		Needed: hydrolysis data and reports from Duel et al., (1951).			+	+
	44400	01323-66-6	*CITRIC ACID, MONO-n-OCTADECYL ESTER	7	Bx	Rx	2117//	Needed: hydrolysis data and reports from Duel et al., (1951).			+	+
+	44560	00077-94-1	*CITRIC ACID, TRIBUTYL ESTER	6B	Bx	M54/M46 /Rx	956,2117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation study too.	SML(Tp1) = 3 mg/kg	CA,PVAC	+	+
	44640	00077-93-0	CITRIC ACID, TRIETHYL ESTER	1	A4	Rx		ADI: 20 mg/kg b.w. (JECFA 28 M., 1984).			+	+
+	44720	07775-50-0	*CITRIC ACID, TRI-n-OCTADECYL ESTER	6B	Bx	M54/M46 /Rx	956,2117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and if migration exceeds 0.050 mg/kg peroxisome proliferation study too.	SML(Tp1) = 3 mg/kg	PS	+	+
+	44800	07147-34-4	*CITRIC ACID, TRIS(2-ETHYLHEXYL) ESTER	6B	Bx	M54/M46 /Rx	956,2117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation study too.	SML(Tp1) = 3 mg/kg		+	
	44880	01333-88-6	COBALT ALUMINATE	2-3	A5	M52/R1	1695,1707/ /	L2 for Al. TDI: 1 mg/kg bw (as Al) based on PTWI: 7 mg/kg bw (as Al). (SCF, 25th Series, 1991).	SML(T) = 0.05 mg/kg (as Co)	PTFE	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								L3 fo Co. R: 0.05 mg/kg of food (as Co). (Rivm, summary data, October 1992)(CS/PM/1707).				
	44960	11104-61-3	COBALT OXIDE	3	A5	M52/R1	1707//	L3 for Cobalt. R: 0.05 mg/kg of food (as Co). (RIVM, summary data, October 1992)(CS/PM/1707).	SML(T) = 0.05 mg/kg (as Co)	PET,PTFE	+	+
+	45040	61790-63-4 68603-42-9 and	*COCONUT OIL FATTY ACIDS DIETHANOLAMIDE	7	Bx	M54/R1	1902+//208 9,2109//	Same references as 30725.		PO,PS/Add CAS_N= 68440-04-0	+	
	45055	08050-09-7	COLOPHONY	D	D					Same as 83840	+	+
	45058		COLORANTS	D	D		489,490,49 1			For memo	+	
	45060/ 0	08002-13-9	COLZA OIL	D	D	M52/M51 /M49				PVC/Same 83580/0.	+	+
	45060/ 1	08002-13-9	*COLZA OIL	D	D	M51			See "83580/1"	Same 83580		+
	45075		*CONDENSATION PRODUCTS OF ETHYLENE OXIDE WITH ALKYL- AND DIALKYLAMINES (C1-C20)	9	Bx		462,463			PVC	+	
	45090	09000-14-0	*COPAL	9	Bx	M49	1083			Same 14688		+
	45105		*COPOLYMERS OF ACRYLIC OR METHACRYLIC ESTERS WITH VINYLPYRROLIDONE	9	Bx	M44	462,463/			PAN,PS	+	+
	45120		*COPOLYMERS OF ACRYLIC,FUMARIC,ITACONIC,MALEIC AND METHACRYLIC ACIDS WITH BUTADIENE, BUTENE, DIVINYLBENZENE, ESTERS OF THESE ACIDS WITH SAT. MONOH. ALIPH. ALCOHOLS(C1-C18), ETHYLENE, ETHYLENE OXIDE, ETC..	9	Bx	M44				See the complete name in the field "EXPLANAT"	+	
	45135		*COPOLYMERS OF DIBUTYL MALEATE AND VINYL ACETATE, POSSIBLY COPOLYMERIZED WITH ACRYLIC ACID OR 2,3-EPOXYPROPYL METHACRYLATE	9	Bx	M49	1083					+
	45150		*COPOLYMERS OF ETHYL ACRYLATE	9	Bx	M49	1083					+
	45165	-	*COPOLYMERS OF LINEAR OR BRANCHED	9-P	Bx	M49	2235			PVC	+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
		alpha-OLEFINS(C3-C38) AND MONO- OR DIESTERS OF MALEIC ACID WITH LINEAR OR BRANCHED ALCOHOLS (C2-C36), ETHOXYLATED ALCOHOLS (C1-C36) WITH ETHOXYLATION DEGREE BETWEEN 2-36				(Mw)(Bohme)					
45175		*COPOLYMERS OF MONOMERS MENTIONED IN BGA XIV.1.h WITH MONOMERS MENTIONED IN XIV.1.a-g	9	Bx	M49	1083					+
45185		*COPOLYMERS OF MONOMERS MENTIONED IN BGA VI.1 WITH MALEIC ACID, FUMARIC ACID, OR MALEIC ANHYDRIDE	9	Bx	M49	1083					+
45195	07787-70-4	COPPER(I) BROMIDE	1	A5	M42/M41 /M38/Rx	302,355	PMTDI: 0.5 mg/kg b.w. (as Cu). (JECFA 26 M., 1982). ADI: 1 mg/kg b.w. (as Br). It occurs also as a pesticide residue. (JMPR, "Pesticide residues in food", 1988, paper 93/2).	SML(T)= 30 mg/kg (as Cu)	PA/SML(T) for Br must be re-examined. Pesticide!	+	+
45200	07681-65-4	COPPER(I) IODIDE	1	A5	Rx		PMTDI: 0.5 mg/kg b.w. (as Cu). (JECFA 26 M., 1982). PMTDI: 0.017 mg/kg b.w. (as I). (JECFA 33 M., 1988).	SML(T)= 30 mg/kg (as Cu) and SML(T)= 1.0 mg/kg (as I)	PA	+	+
45280	-	COTTON FIBERS	3	A4	Rx		Inert, insoluble material.		MF,PF,UF	+	+
45360	08001-29-4	COTTONSEED OIL	3/D	D	M35,M52		Equal to or similar to food fats.		Cov.by 54450	+	+
45410		*CRESOLS, BUTYLATED	9	Bx	M49	81,1083					+
45440	-	*CRESOLS, BUTYLATED, STYRENATED	9	Bx	Rx	81			PO,PS	+	+
45470		*CRESOLS, STYRENATED	9	Bx	M49	81,1083					+
45520	-	p-CRESOL, STYRENATED	2	A5	Rx		t-TDI: 0.2 mg/kg b.w. Available: 3-month oral rat and 2-year oral rat and dog studies, rat reproduction study. (Food Drug Research Lab. 1964). Needed: specification and mutagenicity studies.	SML= 12 mg/kg	PO,PS	+	
45560	014464-46-1	CRISTOBALITE	3	A4	M53		Inert material.			+	+
45600	03724-65-0	*CROTONIC ACID	CA	Bx	M45/Rx	1237	Needed: 90-day oral study, mutagenicity studies and migration data. (SCF, 17th Series, 1986).	SML = 0.05 mg/kg	PVC/Same 14800	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	45610		*CROTONIC ACID-VINYL ACETATE, COPOLYMER	9	Bx	M52	1287//				+	
	45630	37953-05-2	*CUMENESULPHONIC ACID	9	Bx	M49	1083					+
	45670	00461-58-5	CYANOGUANIDINE	-	-				See "47440"		+	+
	45680	-	*CYCLOALKANES (0-100 DEGREES CELSIUS)	9	Bx	Rx	1515*			PO,PS	+	
	45690	00291-64-5	*CYCLOHEPTANE	8	Bx	M49					+	
	45700	00110-82-7	*CYCLOHEXANE	8	Bx	M49					+	+
	45710	00108-93-0	*CYCLOHEXANOL	8	Bx	M44	352/			Same 14905	+	+
	45720	00108-94-1	*CYCLOHEXANONE	6A	Bx	M49	503/1045/1 546/	Needed: adequate test for gene mutation and chromosomal aberration. (IARC (1989), 47, 151-169).	SML = 0.05 mg/kg	Same 14910		+
	45730	25054-06-2	*CYCLOHEXANONE-FORMALDEHYDE, COPOLYMER (M.W. 600-610)	9	Bx	M49	1083					+
	45760	00108-91-8	CYCLOHEXYLAMINE	2	A4	Rx		TDI: 1 mg/kg b.w. calculated with reference to the ADI for cyclamic acid of 11 mg/kg b.w. (JECFA 26 M., 1982).		PA	+	
	45840	-	*CYCLOPENTADIENE-CYCLOPENTENE-DICYCLOPENTADIENE-2-PENTENE-2-METHYL-2-BUTENE-1,3-PENTADIENE, COPOLYMERS, HYDROGENATED OR NOT	9	Bx	R1	351,1211*, 1254 (Bohme)				+	
	45880	00287-92-3	*CYCLOPENTANE	8	Bx	M49					+	
	45920	09000-16-2	DAMAR	3	A4	Rx		Natural wax. Purity to be specified.		SCF: Spec(P)	+	
	45925	09000-16-2	DAMAR RESIN	D	D	M53				Same 55920	+	
	45930	09000-16-2	DAMAR WAX	D	D	M53				Same 55920	+	
	45940	00334-48-5	n-DECANOIC ACID	0	D	M50/R1	1664//	Food constituent.		Same 15095/S1(30620) /Cov. by 31328	+	
+	45950	07492-58-2	*n-DECANOIC ACID, CERIUM SALT	8	Bx	M54/M52	1083/2090/ /	LO for n-decanoic acid. L8 for cerium.				+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	45960	10139-54-5	n-DECANOIC ACID, COBALT SALT	3	Ax	M52	1083,1707/ /	L3 for Cobalt. R: 0.05 mg/kg of food. (RIVM, summary data, October 1992)(CS/PM/1707). LO for n-decanoic acid.	SML(T14) = 0.05 mg/kg (as Co)			+
	45970	20336-95-2	n-DECANOIC ACID, LITHIUM SALT	2	Ax	M49	1040,1083/	LO for n-decanoic acid. Group TDI: 0.01 mg/kg b.w. (as Li) See references for 38000 in list 2 in this report.	SML(T) = 0.6 mg/kg (as Li)	Cov.by 31120		+
	45980	10139-57-8	n-DECANOIC ACID, MANGANESE SALT	2	Ax	M49	1083/	LO for n-decanoic. Group TDI: 0.01 mg/kg b.w. (as Mn). See references for 38180.	SML(T16) = 0.6 mg/kg (as Mn).	Cov.by 31120		+
	45985		*DECANOIC ACID, SALTS	9	Bx	M49	1083		See 15095			+
	46000		See 46070	D	D						+	+
	46050	00112-30-1	1-DECANOL	3	D	M49	1083/	See references for "Alcohols, aliphatic, monohydric, linear, primary (C4-C24)" (PM/REF.N. 33120) in SCF list 3.		Same 15100/Cov. 33120		+
	46070	10016-20-3	alpha-DEXTRIN	0	A4	M37					+	+
	46080	07585-39-9	beta-DEXTRIN	0	A4	M37					+	+
	46160	-	*DIALKYL OR ALKYL (MORE THAN C8) PHOSPHATE	9	Bx	Rx				CA,PAM	+	
	46180		*DIALKYL(C1-C18)DIPOLYETHYLENEGLYCOL(4-14)AMMONIUM CHLORIDE	9	Bx	M49	1083					+
	46240	-	*DIALKYLDITHIOCARBAMIC ACID, SALTS	9	Bx	Rx					+	
	46320	-	*DIALKYL(C8-C20)KETONES	9	Bx	M37	1665				+	
	46350	68002-26-6	*2,4-DIAMINO-6-PHENYL-1,3,5-TRIAZINE-FORMALDEHYDE, COPOLYMER, BUTYLATED	9	Bx	M46	672/					+
	46375	61790-53-2	DIATOMACEOUS EARTH	3	A4	M49	1083/	Inert material.		Same 62880	+	+
+	46380	68855-54-9	DIATOMACEOUS EARTH, SODA ASH FLUX-CALCINED	P	P		2201 (Jasoigne-Bohme)			Same 62885/New subst/Mixt/Compon.already	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
										listed.		
	46400	00120-78-5	*DIBENZOTHIAZYL DISULPHIDE	8	Bx	Rx				PVC	+	
	46440	00094-36-0	*DIBENZOYL PEROXIDE	8	Bx	M50				ABS,PAM,PO,PPO, PS,PVA,PVC,PVCC ,PVDC,UP	+	
	46480	32647-67-9	DIBENZYLIDENE SORBITOL	2	A4	M38/Rx		Group TDI; 1 mg/kg b.w. (with bis(4-ethylbenzylidene)sorbitol and bis(methylbenzylidene) sorbitol). Several 90-day oral mouse and rat studies, several mutagenicity studies negative. See references for bis(4-ethylbenzylidene) sorbitol.			+	
	46560	00106-93-4	1,2-DIBROMOETHANE	5	D	M37	1516*			PS	+	
	46640	00128-37-0	2,6-DI-tert-BUTYL-p-CRESOL (=BHT)	1	A5	Rx	1751//	ADI: 0.05 mg/kg b.w. (SCF, 22th Series, 1989).	SML= 3.0 mg/kg		+	
	46720	04130-42-1	*2,6-DI-tert-BUTYL-4-ETHYLPHENOL	7	Bx	M53	1844+,2011 //	Available: 3 negative mutagenicity studies, 90-day oral rat study (CS/PM/2011) Needed: bioaccumulation, usage, physico-chemical and migration data, analytical method.		PE	+	
+	46790	04221-80-1	3,5-DI-tert-BUTYL-4-HYDROXYBENZOIC ACID, 2,4-DI-tert-BUTYLPHENYL ESTER	2	A4	Rx		TDI: 2 mg/kg bw. 90-day oral rat study. (RIVM report May 1973).		PO/Name changed/Ex 47200	+	+
	46800	67845-93-6	3,5-DI-tert-BUTYL-4-HYDROXYBENZOIC ACID, HEXADECYL ESTER	2	A4	Rx	179	TDI: 2.5 mg/kg b.w. 90-day oral rat and dog studies, reproduction study in rats, mutagenicity studies. (RIVM doc. 88/678608/001, 1 November 1988).		PE,PP	+	
+	46870	03135-18-0	3,5-DI-tert-BUTYL-4-HYDROXYBENZYLPHOSPHONIC ACID, DIOCTADECYL ESTER	2	A4	Rx		TDI: 1 mg/kg bw. A 90-day oral rat study. (CIBA-GEIGY report, 14 February 1970).			+	
	46880	65140-91-2	3,5-DI-tert-BUTYL-4-HYDROXYBENZYLPHOSPHONIC ACID, MONOETHYL ESTER, CALCIUM SALT	2	A5	Rx	47	TDI: 0.1 mg/kg b.w. A 4+4 week, a 13+4 week and a two year oral rat studies. (Ciba-Geigy reports CBG 174/78110, 10-07-1978 and CBG 192/781233, 22-03-1979, CBG 261/821163, 4 April 1984).	SML= 6 mg/kg	PO	+	+
	46960	30947-30-9	*3,5-DI-tert-BUTYL-4-HYDROXYBENZYLPHOSPH	8	Bx	Rx				PO,PVC	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
			ONIC ACID, MONOETHYL ESTER, NICKEL SALT									
	47040	34137-09-2	*3,5-DI-tert-BUTYL-4-HYDROXYHYDROCINNAMI C ACID, TRIESTER WITH 1,3,5-TRIS(2-HYDROXYETHYL)-1,3,5-TRIAZINE-2,4,6-(1H,3H,5H)TRIONE	8	Bx	M50/R1		Available: 90-day oral rat and dog studies and a reproduction study were inadequate.		PO	+	
	47080	00110-05-4	*DI-tert-BUTYL PEROXIDE	8	Bx	M50				ABS,PA,PAM,PO,P S,PVA,PVDC,UP	+	
	47120	50696-71-4	*DI(tert-BUTYLPHENOL) DISULPHIDE	8	Bx	M50/R1				PVE	+	
+	47200	04221-80-1	2,4-DI-tert-BUTYLPHENYL 3,5-DI-tert-BUTYL-4- HYDROXYBENZOATE	D	D	Rx		TDI: 2 mg/kg b.w. 90-day oral rat study. (RIVM report May 1973).		PO/Change name? Same	+	+
+	47210	26427-07-6	DIBUTYLTHIOSTANNOIC ACID POLYMER(C8H18S3Sn2)(n= 1,5-2)	2	A5	Rx	164//	t-TDI: 25 mg/kg b.w. Available: 70- and 90-day and 2-year oral rat studies, observations in man and migration data. Needed: mutagenicity studies.	Molecular unit (C8H18S3Sn2) : 1.5-2	PVC,PVCC,PUR\Ex 40880	+	+
	47220	00077-58-7	*DIBUTYLTINDILAURATE	8	Bx	M46	672/					+
	47240		*DIBUTYL TITANATE	8	Bx	M49	1083					+
	47250		*N-1,2-DICARBOXYETHYL-N'-OCTADECYL-SULPH OSUCCINAMIDE, SALTS	8	Bx	M49	1083					+
	47265	00095-50-1	*1,2-DICHLOROBENZENE	7	Bx	M47	1046	Available data: 3-month oral mouse study, oral carcinogenicity study in mice and rats. Ames test negative, mouse micronucleus positive. (RIVM Criteria doc. 710401005, April 1991). Needed : Migration data.				+
	47280	02782-57-2	*DICHLOROCYANURIC ACID	D	D	M38	324/	Postponed. waiting for an answer to the circular letter from EEC (CS/PM/324) asking informations on technological function of the substance. Date limit: 30.6.90.		DSP	+	+
	47360	00075-71-8	*DICHLORODIFLUOROMETHANE	7	Bx	M56/Rx	2110//	Needed: migration data and specifications.			+	+
	47440	00461-58-5	DICYANODIAMIDE	2	A4	Rx		TDI: 1 mg/kg b.w. 2-year oral rat and dog studies and Ames tests. (American Cyanamid report 1969).		POM	+	+
+	47520	-	DICYCLOPENTADIENE-INDENE-[illegible] ETHYLSTYRENE-VINYLTOLUENE [illegible]	3	A5	M57/M58 /M53/M4	1771+,2008 //2293,233	R: 5 mg/kg of food. Specifications to be added (range of percentage of comonomers, percentage	SML = 5 mg/kg (not for fatty food).		+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
			COPOLYMER, HYDROGENATED			5/R1	6//	with Mw < 1000 Daltons). Available: 3 negative mutagenicity studies, 90-day oral rat study, migration data for aqueous food (RIVM Doc. CS/PM/2008). Only for contact with non-fatty food.				
	47535	07173-51-5	*DIDECYLDIMETHYLAMMONIUM CHLORIDE	W8	D	M51	1430/			New subst.	+	
	47550	02123-19-5	*DIDODECYL KETONE	8	Bx	M49				PVDC	+	+
+	47600	84030-61-5	DI-n-DODECYLTIN BIS(ISOOCTYL MERCAPTOACETATE)	2	A5	M55/M40 /M38	319,347/44 5,2159//	t-TDI: 0.2 mg /kg bw pending results of in vivo UDS study on 67360. Available: 10- and 90-day oral rat studies, mutagenicity tests. (RIVM report 02-04-1990).	SML= 12 mg/kg	PVC	+	+
	47610		*DIETHANOLAMIDES OF FATTY ACIDS	9	Bx	M49	1083/2109/ /					+
	47620	00111-42-2	*DIETHANOLAMINE	W8	D	M44	553/	Data inadequate. Restriction: contact with nitrite containing food should be avoided.	R: not in contact with food containing nitrite	PO,PVC/New subst./Same 15735	+	
	47630	00143-00-0	DIETHANOLAMINE DODECYL SULPHATE	D	D					Same 52400	+	
	47640		*DIETHANOLAMINE SALTS OF MONO- AND BIS(1H,1H,2H,2H-PERFLUORO-ALKYL,C8-C18) PHOSPHATES	9	Bx	M49	1083/					+
	47660	27027-16-3	*3-DIETHYLAMINOETHYL METHACRYLATE-METHYL METHACRYLATE, COPOLYMER	D	D					POM	+	
	47680	00111-46-6	DIETHYLENEGLYCOL	2	A5	Rx		Group TDI: 0.5 mg/kg b.w. (SCF, 17th Series, 1986).	SML(T4) = 30 mg/kg	Same 15760	+	+
	47760	21209-30-3	*DIETHYLENEGLYCOL DIOLEATE	7	Bx	Rx		Needed: hydrolysis data.			+	
	47840	68818-39-3	*DIETHYLENEGLYCOL DIPALMITATE	7	Bx	Rx		Needed: hydrolysis data.			+	
	47920	74356-18-6	*DIETHYLENEGLYCOL DIRICINOLEATE	7	Bx	Rx		Needed: hydrolysis data.			+	
	48000	00109-30-8	*DIETHYLENEGLYCOL DISTEARATE	7	Bx	Rx		Needed: hydrolysis data.			+	+
	48020		*DIETHYLENEGLYCOL MONOALKYL(C1-C4) ETHER ACETATE	9	Bx	M49	1083					+
	48030	00112-34-5	DIETHYLENEGLYCOL MONOBUTYL ETHER	2	Ax	M51/M47	See	Group t-TDI: 0.05 mg/kg b.w.	SML(T5) = 3 mg/kg			+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							672,1047/	See references for 16996.				
	48040		*DIETHYLENEGLYCOL MONO- AND DIALKYL(C1-C4) ETHER	9	Bx	M49	1083					+
	48050	00111-90-0	DIETHYLENEGLYCOL MONOETHYL ETHER	2	Ax	M50/M46	672/	Group t-TDI: 0.05 mg/kg b.w. See references for the same substance in SCF list 2 in the monomer report.	SML(T5) = 3 mg/kg (expressed as diethyleneglycol)	Same 15780		+
	48065	00141-20-8	*DIETHYLENEGLYCOL MONOLAURATE	7	Bx	M49	1083/	Needed : hydrolysis data.				+
	48080	00106-12-7	*DIETHYLENEGLYCOL MONOOLEATE	7	Bx	Rx		Needed: hydrolysis data.			+	
	48160	36381-62-1	*DIETHYLENEGLYCOL MONOPALMITATE	7	Bx	Rx		Needed: hydrolysis data.			+	
	48240	05401-17-2	*DIETHYLENEGLYCOL MONORICINOLEATE	7	Bx	Rx		Needed: hydrolysis data.			+	
	48320	00106-11-6	*DIETHYLENEGLYCOL MONOSTEARATE	7	Bx	Rx		Needed: hydrolysis data.			+	+
	48340		*DIETHYLENETRIAMINEPENTAACETIC ACID, SODIUM SALTS	8	Bx	M49	1083/					+
	48370	00100-37-8	*DIETHYLETHANOLAMINE	8	Bx	M49	1083					+
	48400	00100-37-8	*DIETHYLHYDROXYETHYLAMINE	D	D					PTFE,PUR/Same 48370	+	+
	48430	04402-32-8	*N,N-DIETHYLISOPROPANOLAMINE	8	Bx	M46	672					+
	48450	00104-78-9	*N,N-DIETHYL-1,3-PROPANEDIAMINE	W8	D	M51	1617/			New subst.		+
+	48460	00075-37-6	*1,1-DIFLUOROETHANE	P			2346 (F)(TNO-RIVM)			New subst.	+	
	48470	29658-26-2	*4,4'-DIFLUOROBENZOPHENONE-HYDROQUINONE, COPOLYMER	9	Bx		1458			S1(76940)	+	
	48480	59113-36-9	*DIGLYCEROL	8	Bx	Rx				PVC	+	+
	48500	00504-53-0	*DI-n-HEPTADECYL KETONE	8	Bx	M52	1665//			S1(46320)	+	
	48520	22986-69-2	*DI-n-HEXADECYL KETONE	8	Bx	M52	1665//			S1(46320)	+	
	48560	35295-41-3	*1,4-DIHYDRO-2,6-DIMETHYL-3,5-[illegible] ECYLOXYPYRIDINE	8	Bx	M50/R1	1363*/	Available: oral studies in rats and dogs were inappropriate.		PVC	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	48590	86088-85-9	*4,5-DIHYDRO-1-METHYL-2-NORTALLOW ALKYL-3-(2-TALLOW AMIDOETHYL)-IMIDAZOLIUM, METHYL SULPHATE	W8	D	M51	1428*//			New subst.	+	
	48620	00123-31-9	1,4-DIHYDROXYBENZENE	2	A5	R17		TDI: 0.01 mg/kg b.w. (SCF, 17th Series, 1986).	SML= 0.6 mg/kg	Same 15940	+	+
	48640	00131-56-6	2,4-DIHYDROXYBENZOPHENONE	2	A5	Rx		Group TDI: 0.1 mg/kg b.w. (with 4,4'-dihydroxybenzophenone, 2,2'-dihydroxy-4-methoxybenzophenone, 2-hydroxy-4-n-hexoxybenzophenone, 2-hydroxy-4-n-hexoxybenzophenone,2-hydroxy-4-n-octoxybenzophenone. 90-day oral rat studies for 2,2'-dihydroxy-4-methoxybenzophenone, 2-hydroxy-4-methoxybenzophenone, 2-hydroxy-4-n-octyloxybenzophenone, a 18-week oral dog study for 2-hydroxy-4-n-octyloxybenzophenoneand 2-year rat and dog studies for 2-hydroxy-4-n-octyloxybenzophenone,a reproduction study for 2-hydroxy-4-n-octyloxybenzophenone plus metabolism. (J. Occup. Med. 1969, 11, 703, Food Cosm. Tox. 1972, 10, 41-50, RIVM report October 1972).	SML = 6 mg/kg		+	
	48720	00611-99-4	4,4'-DIHYDROXYBENZOPHENONE	2	A5	Rx		Group TDI: 0.1 mg/kg b.w. See references for 2,4-dihydroxybenzophenone in list 2.	SML = 6 mg/kg	Same 15970	+	
	48760	00092-88-6	4,4'-DIHYDROXYBIPHENYL	2	Ax	M49	1083/	TDI: 0.1 mg/kg. See references for the same compound in monomer report.	SML = 6 mg/kg	Same 16000		+
	48800	00097-23-4	2,2'-DIHYDROXY-5,5'-DICHLORODIPHENYLMETHANE	2	A5	Rx		TDI: 0.2 mg/kg b.w. 2-week and 13-week oral rat studies and observations in man from its therapeutic use. (J. Am. Leather. Chemists Assoc. 1944, 39, 203-209; J. Pharmacol. Exper. Therap. 1949, 96, 238-249).	SML= 12 mg/kg		+	
	48840	83982-25-6	*1,6-DIHYDROXY-2,5-HEXANEDIONE	8	Bx	M49	1083					+
	48880	00131-53-3	2,2'-DIHYDROXY-4-METHOXYBENZOPHENONE	2	A5	Rx		Group TDI: 0.1 mg/kg b.w. See references for 2,4-dihydroxy-benzophenone.	SML = 6 mg/kg		+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	48960	00120-87-6	*9,10-DIHYDROXYSTEARIC ACID	8	Bx	M50/R1	76/			PVC	+	
	49040	01115-01-1	*9,10-DIHYDROXYSTEARIC ACID, METHYL ESTER	8	Bx	Rx					+	
	49050	00108-83-8	*DIISOBUTYL KETONE	8	Bx	M49		Available: no adequate oral data, Ames test.			+	+
+	49055	27213-90-7	*DIISOBUTYLNAPHTHALENESULPHONIC ACID, SODIUM SALT	P			1412 (RIVM and other)			S1(33680)	+	+
	49065	00110-97-4	*DIISOPROPANOLAMINE	8	Bx	M44		R: contact with food containing nitrite should be avoided.	R: not in contact with food containing nitrite.	PUR/Same 16120	+	
	49120	03271-22-5	*2,4-DIMETHOXY-6-(1-PYRENYL)-1,3,5-TRIAZINE	7	Bx	Rx		Needed: information on tissue accumulation.			+	+
	49160	00127-19-5	*DIMETHYLACETAMIDE	68	Bx	M49	1083/	Suspected embryotoxicity/teratogenicity.			+	+
	49200	-	*DIMETHYLALKYL(C8-C18)BENZYLAMMONIUM CHLORIDE	9	Bx	M52/	1845+//	Existing data are not available to the SCF. Provide them.			+	
	49202	68391-01-5	*DIMETHYLALKYL(C12-C18)BENZYLAMMONIUM CHLORIDE	9	Bx	M51	1665			S1(49200)	+	
	49225	00124-40-3	DIMETHYLAMINE	3	Ax	M53/M49	1083/1653/ /	R: 0.06 mg/kg of food. Same references for the same substance (16145) in monomer list.	SML = 0.06 mg/kg	Same 16145		+
	49235	00108-01-0	DIMETHYLAMINETHANOL	2	Ax	M49	1083/	TDI: 0.3 mg/kg b.w. See references for same substance (PM/REF. 16150) in monomer report.	SML= 18 mg/kg.	Same 16150		+
	49260	25338-55-0	*[(DIMETHYLAMINO)METHYL]PHENOL	8	Bx	M46	672/					+
	49270	00099-07-0	*3-(DIMETHYLAMINO)PHENOL	8	Bx	M46	672/					+
	49280	00121-69-7	*N,N-DIMETHYLANILINE	8	Bx	M38					+	
	49320	00103-83-3	*N,N-DIMETHYLBENZYLAMINE	8	Bx	M46	672/					+
	49330	01879-09-0	*2,4-DIMETHYL-6-tert.-BUTYLPHENOL	8	Bx	M53	1287//				+	
	49340	[illegible]	*DIMETHYL(COCOALKYL)BENZ[illegible] CHLORIDE	2	Bx	M52	1326,1582/ /(Rivm)	Existing data are not available to the SCF. Provide them.		S1(49200)	+	
	49360	-	*DIMETHYLDIALKYL(C8-C18)[illegible]	2	Bx	Rx	351			PO	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
			CHLORIDE									
	49380	00109-55-7	*N,N-DIMETHYL-1,3-DIAMINOPROPANE	8	Bx	M46	672/					+
	49425	00137-30-4	DIMETHYLDITHIOCARBAMIC ACID, ZINC SALT	2	Ax	M49	1083/	ADI: 0.02 mg/kg bw. (JECFA, 24M, 1980).	SML= 1.2 mg/kg			+
	49465	00068-12-2	*DIMETHYLFORMAMIDE	6B	Bx	M49		Suspected of embryotoxicity/teratogenicity. (EHC 114).			+	+
	49472	95009-13-5	*N,N-DIMETHYL-2-HYDROXY-N-(2-HYDROXYPROPYL)-1-PROPANAMINIUM, DIESTER WITH VEGETABLE OIL FATTY ACIDS METHYL SULPHATE	W8	D	M51	1431*//			New subst.	+	
	49480	00930-61-0	*2,4-DIMETHYL-2-IMIDAZOLINE	8	Bx	M46	672/					+
	49510		*Alpha,omega-DIMETHYLPOLY(o-BUTYL(POLYPROPYLENEGLYCOL)(POLYETHYLENEGLYCOL)(POLYDIMETHYLSILOXANE)	9	Bx	M49	1083					+
	49520		See 49580	D	D						+	
	49525		DIMETHYLPOLYSILOXANES	1	D	M50	50,1083//	ADI: 1.5 mg/Kg bw. (JECFA 18th report, 1971).		Changed 49525/0-->49525 /Cov.by of 76720		+
	49525/1		*DIMETHYLPOLYSILOXANES	D	D	M50	50/			Same 49525		+
	49540	00067-68-5	DIMETHYL SULPHOXIDE	3	A4	M45		DMSO is used as carrier of drugs to facilitate skin penetration.		PES/Same 16410	+	
	49560	00533-74-4	*3,5-DIMETHYL-1,3,5,2H-TETRAHYDROTHIADIAZINE-2-THIONE	8	Bx	M49	1083	Data exist (but confidential!).		Give existing data!		+
	49580	29351-51-7	*DIMETHYLTHIANTHRENE	8	Bx	Rx				PVC	+	
+	49600	26636-01-1	DIMETHYLTIN BIS(ISOOCTYL MERCAPTOACETATE)	2	A5	M55/M53 /M49/M46/M38	1772+,2007 //	Group TDI: 0.003 mg/kg b.w. (as Sn) (with monomethyltin tris(isooctyl mercaptoacetate). Available: 28-day and two 3-month oral rat studies, mutagenicity studies and bioaccumulation low. (RIVM doc. 02.02.1988 and April 1991, CS/PM/2146).	SML(T)= 0.18 mg/kg (expressed as Sn)	PVC,PVCC	+	+
	49680	00093-46-9	*N,N'-DI-(2-NAPHTHYL)-p-PHENYLENEDIAMINE	7	Bx	Rx		Needed: purity specification especially on		PO,PS	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								presence of beta-naphthylamine				
	49720	-	2,4-DINONYLPHENYL BIS-(4-MONONONYLPHENYL) PHOSPHITE	D	D					Cov.by 74400	+	
	49760	03135-18-0	DI-n-OCTADECYL 3,5-DI-tert-BUTYL-4-HYDROXYBENZYL PHOSPHONATE	2/D	D	Rx		TDI: 1 mg/kg b.w. A 90-day oral rat study. (Ciba-Geigy report 14 February 1970).		Same 46870/Name changed	+	
	49840	02500-88-1	DIOCTADECYL DISULPHIDE	2	A5	Rx	1247	TDI: 0.05 mg/kg b.w. A 90-day oral rat study. (Hoechst report 1967).	SML= 3 mg/kg	PP,PMMA	+	
	49920	20297-71-6	*DIOCTADECYL 3-METHYL-4-HYDROXY-5-tert-BUTYL BENZYLMALONATE	8	Bx	Rx					+	+
	50000	01844-09-3	*DIOCTADECYL MONOSULPHIDE	8	Bx	Rx	1512*			PO	+	
	50080	03806-34-6	*DIOCTADECYL PENTAERYTHRITOL DIPHOSPHITE	8-P	Bx	M50/R1	1287,1387* /1736*,229 8 (T)(RIVM)	Data according to SCF guidelines and neurotoxicity.			+	+
	50160	-	DI-n-OCTYLTIN BIS(n-ALKYL(C10-C16) MERCAPTO ACETATE)	2	A5	M38/M37	238,244,24 8,270,292/	Group t-TDI: 0.0003 (as Sn) for all di-n-octyltin derivatives. See references for 50480.	SML(T11)= 0.02 mg/kg (as Sn) for all di-n-octyltin derivatives	PVC	+	+
	50240	10039-33-5	DI-n-OCTYLTIN BIS(2-ETHYLHEXYL MALEATE)	2	A5	M37		Group t-TDI: 0.0003 (as Sn) for all di-n-octyltin derivatives. See references for 50480.	SML(T11)= 0.02 mg/kg (as Sn) for all di-n-octyltin derivatives	PVC	+	+
	50320	15571-58-1	DI-n-OCTYLTIN BIS(2-ETHYLHEXYL MERCAPTOACETATE)	2	A5	M37		Group t-TDI= 0.0003 mg/kg bw (as Sn) for all di-n-octyltin derivatives. See references for 50480.	SML(T11)= 0.02 mg/kg (as Sn) for all di-n-octyltin derivatives	PMMA/PVC	+	+
	50360	-	DI-n-OCTYLTIN BIS(ETHYL MALEATE)	2	A5	M51/M49		Group t-TDI = 0.0003 mg/kg b.w. (as Sn) for all di-n-octyltin derivatives. See references for 50480.	SML(T11) = 0.02 mg/kg (as Sn) for all di-n-octyltin derivatives	PVC	+	+
	50400	33568-99-9	DI-n-OCTYLTIN BIS(ISOOCTYL MALEATE)	2	A5	M37		Group t-TDI: 0.0003 mg/kg bw (as Sn) for all di-n-octyltin derivatives. See references for 50480.	SML(T11)= 0.02 mg/kg (as Sn) for all di-n-octyltin	PVC	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
									derivatives			
	50480	26401-97-8	DI-n-OCTYLTIN BIS(ISOOCTYL MERCAPTOACETATE)	2	A5	M37	1773+/	Group t-TDI: 0.0003 mg/kg b.w. (as Sn). Available: several oral short term and semichronic studies in rats and dogs and 2-year rat studies, several mutagenicity studies in vitro and in vivo, insufficient reproduction and teratogenicity studies. (RIVM report, May 1989). Needed: reproduction and teratogenicity studies.	SML(T11)= 0.02 mg/kg (as Sn) for all di-n-octyltin derivatives	PVC,PVCC	+	+
	50560	-	DI-n-OCTYLTIN 1,4-BUTANEDIOL BIS(MERCAPTOACETATE)	2	A5	M37		Group t_TDI: 0.0003 mg/kg bw. (as Sn) for all di-n-octyltin derivatives. See references for 50480.	SML(T11)= 0.02 mg/kg (as Sn) for all di-n-octyltin derivatives	PMMA,PVC	+	+
	50640	03648-18-8	DI-n-OCTYLTIN DILAURATE	2	A5	M37		Group t-TDI: 0.0003 mg/kg bw (as tin) for all di-n-octyltin derivatives. See references for 50480.	SML(T11)= 0.02 mg/kg (as Sn) for all di-n-octylin derivatives		+	
	50720	15571-60-5	DI-n-OCTYLTIN DIMALEATE	2	A5	M37		Group t-TDI: 0.0003 mg/kg bw (as Sn) for all di-n-octyltin derivatives. See references for 50480.	SML(T11)= 0.02 mg/kg (as Sn) for all di-n-octyltin derivatives	PVC	+	
	50800	-	DI-n-OCTYLTIN DIMALEATE, ESTERIFIED	2	A5	M37		Group t-TDI: 0.0003 mg/kg bw (as Sn) for all di-n-octyltin derivatives. See references for 50480.	SML(T11)= 0.02 mg/kg (as Sn) for all di-n-octyltin derivatives	PVC	+	
	50880	-	DI-n-OCTYLTIN DIMALEATE, POLYMERS (N=2-4)	2	A5	M37	242,244	Group t-TDI: 0.0003 mg/kg bw. (as Sn) for all di-n-octyltin derivatives. See references for 50480.	SML(T11)= 0.02 mg/kg (as Sn) for all di-n-octyltin derivatives	PVC	+	
	50960	69226-44-4	DI-n-OCTYLTIN ETHYLENEGLYCOL BIS(MERCAPTOACETATE)	2	A5	M37		Group t-TDI: 0.0003 mg/kg bw (as Sn) for all di-n-octyltin derivatives. See references for 50480.	SML(T11)= 0.02 mg/kg (as Sn) for all di-n-octyltin derivatives	PMMA,PVC	+	
	51040	15535-79-2	DI-n-OCTYLTIN MERCAPTOACETATE	2	A5	M37	238?	Group t-TDI: 0.0003 mg/kg bw (as Sn) for all di-n-octyltin derivatives. See references for 50480.	SML(T11)= 0.02 mg/kg (as Sn) for all di-n-octyltin derivatives	PVC	+	
	51120	-	DI-n-OCTYLTIN THIOBENZOATE 2-ETHYLHEXYL MERCAPTOACETATE	2	A5	M37		Group t-TDI: 0.0003 mg/kg bw (as Sn) for all di-n-octyltin derivatives.	SML(T11)= 0.02 mg/kg (as Sn) for all	PVC	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								See references for 50480.	di-n-octyltin derivatives			
	51160	00123-91-1	*DIOXANE	8	Bx	M44				PS/Same 16420	+	
	51200	00126-58-9	DIPENTAERYTHRITOL	2	A4	Rx		Group TDI: 1 mg/kg b.w. (with pentaerythritol). (SCF, 17th Series, 1986).		PVC/Same 16480	+	+
	51300	00138-86-3	*DIPENTENE	8	Bx	M44		Data made available for assessment of chewing gum not available for this group.		PS/Same 16510	+	+
	51320	00079-74-3	*2,5-DI-tert-PENTYLHYDROQUINONE	8	Bx	M49	1083					+
	51360	68442-68-2	*DIPHENYLAMINE, STYRENATED	9	Bx	M49	1083					+
	51420	00102-09-0	*DIPHENYL CARBONATE	8	Bx	M49	1083/			Same 16540		+
	51440	15647-08-2	*DIPHENYL 2-ETHYLHEXYL PHOSPHITE	8	Bx	Rx				PVC	+	
+	51470	07144-65-2	*o-DIPHENYL GLYCIDYL ETHER	D	D	M53				Same as 72560	+	+
	51500	00102-06-7	DIPHENYLGUANIDINE	D	D						+	
	51520	26401-27-4	*DIPHENYL ISOOCTYL PHOSPHITE	8	Bx	Rx				PVC	+	
	51570	00127-63-9	*DIPHENYL SULPHONE	8-P	Bx		Same 16650/2358 (F)(RIVM)			PES/Same 16650	+	+
	51600	03375-11-9	*DIPHENYLSULPHONE-3,3'-DISULPHONYLHYDRAZIDE	6A	Bx	M48/Rx/ M44			SML = 0.05 mg/kg (expressed as hydrazide)	Same "3,3'-Sulph.."	+	
	51680	00102-08-9	N,N'-DIPHENYLTHIOUREA	2	A5	Rx		TDI: 0.05 mg/kg b.w. 28-day, 1-year and 2-year oral rat studies. (RIVM January 1967 and May 1973).	SML= 3 mg/kg	PVC,PVDC	+	+
	51760	25265-71-8 and 110-98-5	DIPROPYLENEGLYCOL	2	A4	Rx		Group TDI: 1,5 mg/kg b.w. (SCF, 17th Series, 1986).		Same 16660	+	+
	51840	27138-31-4	*DIPROPYLENEGLYCOL DIBENZOATE	7	Bx	M42/M38	1855+/	Available: 3 month oral rat and dog studies, metabolism, Ames test and migration data. (RIVM 06-09-88; Velsicol 14-09-1988). Needed: 3 month oral rat study chromosome aberration in vitro, gene mutation in mammalian cells.		NC,PVC	+	

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
51870	34590-94-8	*DIPROPYLENEGLYCOL MONOMETHYL ETHER	8	Bx	M46	672/	Data inadequate.		Same 16670		+
51900	28519-02-0	*DISODIUM DODECYL DIPHENYLETHER DISULPHONATE	8/D	D	M53				Same 52240	+	+
51920	07558-79-4	DISODIUM HYDROGEN PHOSPHATE	D	D					Cov.by 72640	+	
51940	00540-09-0	*DIUNDECYL KETONE	8	Bx	M52	1665//			S1(46320)	+	
51950	-	*DIURETHANS ARISING FROM HEXAMETHYLENE DIISOCYANATE AND ALCOHOLS ALIPH., MONOH., SAT. (C2-C20)	9	Bx	M49					+	
51975	00112-53-8	1-DODECANOL	3	D	M46	672/	See references for the same substance in monomer list.		Same 16701/Cov. by 33120	+	+
51985	09002-92-0	*alpha-n-DODECANOL-omega-HYDROXYPOLY(OXY ETHYLENE)	9/D	D	M53				Same 77480	+	
52000	27176-87-0	DODECYLBENZENESULPHONIC ACID	2	AS	Rx	95	TDI: 0.5 mg/kg b.w. Two 2-year oral rat studies, mutagenicity studies. (RIVM Summary report March 1965).	SML= 30 mg/kg		+	+
52080	26264-05-1	*DODECYLBENZENESULPHONIC ACID, ISOPROPYLAMINE SALT	8	Bx	Rx					+	
52160	25155-30-0	DODECYLBENZENESULPHONIC ACID, SODIUM SALT	D	D		95,149			A/Cov.by 52000	+	
52220	27193-86-6	*DODECYLPHENOL	9	Bx	M46	672/					+
52240	28519-02-0	*DODECYLPHENOXYBENZENEDISULPHONIC ACID, DISODIUM SALT	8	Bx	Rx	1287,1396*				+	+
52320	52047-59-3	2-(4-DODECYLPHENYL)INDOLE	2	AS	Rx		TDI: 0.001 mg/kg b.w. A 90-day oral rat study. (Inst. f. Biol. Forsch. Koln, report 1976).	SML= 0.06 mg/kg	PVC	+	+
52400	00143-00-0	*DODECYLSULPHURIC ACID, DIETHANOLAMINE SALT	7	Bx	Rx		Needed: migration data and eventually toxicity data on dodecylsulphate and diethanolamine.			+	
52480	04722-98-9	*DODECYLSULPHURIC ACID, MONOETHANOLAMINE SALT	7	Bx	Rx		Needed: migration data and eventually toxicity data on dodecylsulphate and monoethanolamine.			+	
52560	-	*DODECYLSULPHURIC ACID, SALTS	7-P	Bx	Rx	1774+,2296 (F)(RIVM)	Needed: migration data in first instance.			+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
+	52565	00151-21-3	*DODECYLSULPHURIC ACID, SODIUM SALT	P			1762,1774+,2296 (F)(RIVM)			S1(52560)	+	+
	52640	16389-88-1	DOLOMITE	3	A4	Rx		Inert material. Purity to be specified.		SCF:Spec(P)	+	
	52650	00112-79-8	*ELAIDIC ACID	8	Bx	M52	1664//			S1(30620)	+	
	52660		*EPICHLOROHYDRIN-POLYAMIDE, COPOLYMER	9-P	Bx	M49	2281 (Bohme)				+	+
	52670		*EPICHLOROHYDRIN-POLYAMINE, COPOLYMER	9	Bx	M49	1083					+
	52685	02530-83-8	*[3-(2,3-EPOXYPROPOXY)PROPYL]TRIMETHOXYSILANE	6A	Bx	M46	672/		QM = 5 mg/kg in fp (expressed as epoxy)			+
	52700	29564-58-7	*2,3-EPOXYPROPYL METHACRYLATE-METHYL METHACRYLATE- STYRENE, COPOLYMERS	9	Bx	M49					+	+
	52720	00112-84-5	*ERUCAMIDE	7	Bx	M53/M47/M44/M42/Rx	1775+//2101	Available: Ames test negative and migration data. (Rivm doc. 1990-09-12). Hydrolysis < 95% (doc. CS/PM/1023). Needed: 90-day oral study, gene mutation and chromosome aberration in mammalian cells, bioaccumulation; to be performed with erucamide, oleamide or stearamide or demonstrate full hydrolysis by method suggested by applicant (CS/PM/1550).			+	+
	52730	00112-86-7	ERUCIC ACID		D	M51	1664	Occurs in small amounts in some vegetable oils.		S1(30620).Cov. by 31328	+	
	52760	08022-48-8	*ESPARTO	9	Bx	M49	1083					+
	52780		*ESTERS OF 12-HYDROXYSTEARIC AND STEARIC ACID WITH C20-GUERBET ALCOHOLS	W9-P	D	M53	2059//2228 (mM28)(RIVM-TNO)			New subst.	+	
	52800	00064-17-5	ETHANOL	1	A4	Rx		Acceptable. (SCF, 11th Series, 1981).		Same 16780	+	+
	52880	23676-09-7	4-ETHOXYBENZOIC ACID, ETHYL ESTER	2	A5	Rx	72	t-TDI: 0.06 mg/kg b.w. Available: 28-days oral rat study and 3 mutagenicity tests. (RIVM, 17th March 1987). Needed: 90-day oral study.	SML= 3.6 mg/kg	PO	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	52960	35001-51-5	*2-ETHOXY-5-tert-BUTYL-2'-ETHYL-4'-tert-BUTYLOXALIC ACID BISANILIDE	8	Bx	Rx	228			PO	+	
	53040	35001-52-6	*2-ETHOXY-5-tert-BUTYL-2'-ETHYLOXALIC ACID BISANILIDE (=2-ETHOXY-5-tert-BUTYL-2'-ETHYLOXANILIDE)	8	Bx	Rx	228			PO	+	
	53080	-	*ETHOXYCARBONYLMETHYL DIETHYLPHOSPHONATE	7	Bx	M52	1709//	Available: migration data, 4-week oral rat study, 2 mutagenicity studies negative. Needed: 90-day oral study, gene mutation in mammalian cells. (CS/PM/1709)		PET	+	
	53120	65816-20-8	*N-(4-ETHOXYCARBONYLPHENYL)-N'ETHYL-N'-PHENYLFORMAMIDINE	W-P	D					A/New subst.	+	
	53200	23949-66-8	2-ETHOXY-2'-ETHYLOXANILIDE	2	A5	Rx		TDI: 0.5 mg/kg b.w. 90-day and 2-year oral rat studies. (Sandoz reports 1973 and 1975).	SML= 30 mg/kg	PAM,PVC	+	+
	53215	01569-02-4	*1-ETHOXY-2-PROPANOL	8	Bx	M46	672/					+
	53230		*ETHYL ACRYLATE-ETHYLENE-METHYL ACRYLATE-METHYL METHACRYLATE-VINYL ACETATE AND/OR VINYL BENZOATE, COPOLYMERS	9	Bx	M44	462,463/			PO	+	
+	53235	?	*ETHYL ACRYLATE-METHACRYLIC ACID-ETHYLENEGLYCOL MONOMETHACRYLATE-POLYETHYLENEGLYCOL (EO=50) NONYL PHENYL ETHER-TOLUENE DIISOCYANATE, COPOLYMER (Mw=50000-500000)	P			2304 (I) (Bohme)			New subst.	+	+
+	53238	?	*ETHYL ACRYLATE-METHACRYLIC ACID-POLYETHYLENEGLYCOL (EO=25) ALKYL(C32) ETHER, COPOLYMER (Mw= 100000-500000)	P			2310 (I)(Bohme)			New subst.	+	+
	53240	72275-83-3	*ETHYL ACRYLATE-METHACRYLIC ACID-POLY(ETHYLENEGLYCOL)-LAURYL METHACRYLATE ETHER, TERPOLYMER	W-P	D		2052,2113(I,m)(Bohme)			New subst.	+	
	53255	00100-41-4	ETHYLBENZENE	3	A5	M53	394/1524,2035//	R: 0.6 mg/kg of food. Available: 6-month rat inhalation study, mutagenicity studies, TDI=0.1 mg/kg bw. Based on	SML= 0.6 mg/kg	PS	+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							allowing 1/10 of TDI for packaging.				
53270	37205-99-5	ETHYLCARBOXYMETHYLCELLULOSE	2	A4	M49	1083/	Group TDI: not specified based on group ADI (=not specified) for certain modified celluloses. (JECFA 35 M., 1989).			+	+
53280	09004-57-3	ETHYLCELLULOSE	2	A4	M41/Rx		Group TDI: not specified based on Group ADI (=not specified) for certain modified celluloses. (JECFA 35M., 1989).			+	+
53310		*ETHYLENE-ACRYLIC ACID AND/OR MALEIC ANHYDRIDE AND/OR VINYL ACETATE, COPOLYMERS	9	Bx	M44				PA,PO,PS,PVC	+	
53330	00123-26-2	*N,N'-ETHYLENEBIS(12-HYDROXYSTEARAMIDE)	8	Bx	M46	672/					+
53360	00110-31-6	N,N'-ETHYLENEBISOLEAMIDE	3	A4	Rx		Chemically similar to 53520 in list 3.			+	+
53440	05518-18-3	N,N'-ETHYLENEBISPALMITAMIDE	3	A4	Rx		90-day oral monkey study. Chemically similar to N'N-ethylene bisstearammide.			+	+
53520	00110-30-5	N,N'-ETHYLENEBISSTEARAMIDE	3	A4	Rx	86	Two inadequate 2-year oral rat studies and low migration (Hoechst report 13/05, 1963).			+	+
53540	00107-15-3	ETHYLENEDIAMINE	2	Ax	M49	1083/	TDI: 0.2 mg/kg b.w. Two 90-day oral rat studies. (ICI report, April 1975).	SML = 12 mg/kg	Same 16960		+
53570	27014-42-2 25214-63-5	*ETHYLENEDIAMINE-ETHYLENE OXIDE AND/OR PROPYLENE OXIDE, COPOLYMER	9	Bx	M49				Add 3 CAS N=26316- 40-5	+	+
53600	00060-00-4	ETHYLENEDIAMINETETRAACETIC ACID	2	A4	Rx		TDI: 2.5 mg/kg b.w. as calcium disodium salt on the basis of JECFA ADI for calcium disodium EDTA. (JECFA 17 M., 1973; SCF 4th Series, 1977)		PAM,PO,PS,PVDC	+	+
53610	54453-03-1	ETHYLENEDIAMINETETRAACETIC ACID, COPPER SALT	2	A5	Rx		Group TDI: 0.5 (as Cu) on the basis of JECFA ADI for calcium disodium EDTA 2.5 and PMTDI for copper 0.5. (JECFA 26 M., 1982 for copper; SCF, 4th Series, 1977 for calcium EDTA).	SML(T)= 30 mg/kg (as Cu)	PA	+	
53630		*ETHYLENEDIAMINE-BUTYLENE OXIDE COPOLYMER	9	Bx	M49	1083					+
53650	00107-21-1	ETHYLENEGLYCOL	2	A5	M43	553/1083	Group TDI : 0.5 mg/kg b.w. (with diethyleneglycol). (SCF, 17th Series, 1986).	SML(T4)= 30 mg/kg (expressed as diethyeleneglycol)	Same 16990	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
+	53670	32509-66-3	ETHYLENEGLYCOL BIS (3,3-BIS(3-tert-BUTYL-4-HYDRO XYPHENYL)BUTYRATE)	2-P	A5	M53/M52 /R1	255,964,10 48 (F)(RIVM)	t-TDI: 0.1 mg/kg b.w pending mutagenicity data. 90-day oral dog and 16 weeks oral rat (after in utero exposure) and a 2-year oral dog study. (RIVM, report 300/197, December 1980, CS/PM/1048).	SML= 6 mg/kg		+	+
	53680		See 53610	D	D						+	
	53685	00624-04-4	ETHYLENEGLYCOL DILAURATE	D	D					Same 63360	+	
	53700		*ETHYLENEGLYCOL-METHYLSILOXANE, COPOLYMER	9	Bx	M49	1083					+
	53720		*ETHYLENEGLYCOL MONOALKYL(C1-C4) ETHER ACETATE	9	Bx	M49	1083					+
	53760		See 53670	D	D						+	+
	53765	00111-76-2	ETHYLENEGLYCOL MONOBUTYL ETHER	2	Ax	M51/M47 /M44	1049/	Group t-TDI : 0.05 mg/kg bw. See references for 16996.	SML(T5) = 3 mg/kg	MF,PF,UF/Same 16993		+
	53800		*ETHYLENEGLYCOL MONO- AND DIALKYL(C1-C4) ETHER	9	Bx	M49	1083					+
	53820	00110-80-5	ETHYLENEGLYCOL MONOETHYL ETHER	2-P	A5	M51/M47 /M46	2114,2234 (RIVM)	Group t-TDI: 0.05 mg/kg bw. See references for 16996.	SML(T5) = 3 mg/kg.	Same 16996	+	+
	53840		See 54005	D	D						+	
	53845	04219-48-1	ETHYLENEGLYCOL MONOLAURATE	D	D					Same 63440	+	
+	53860	00109-86-4	*ETHYLENEGLYCOL MONOMETHYL ETHER	6B-P	Bx	M54/M47 /M44	2114,2234 (RIVM)	R: 0.05 mg/kg of food pending evaluation of NTP rat and mouse studies. Suspected of embriotoxicity/teratogenicity.	SML = 0.05 mg/kg	Same as 17002.	+	+
	53900	50586-59-9	*ETHYLENEGLYCOL-TRIMETHYLOLPROPANE, COPOLYMER	9	Bx	M49					+	
	53920		See 54120	D	D						+	
	53930	25038-37-3	*ETHYLENE-1,4-HEXADIENE-PROPYLENE, COPOLYMER	9	Bx	M49	462,463//				+	
	53950	00151-56-4	ETHYLENEIMINE	4	A5	M44		See references for same substance in monomer report.	SML = not detectable (DL = 0.01 mg/kg)	Same 17005	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	53970		*ETHYLENE-MALEIC ANHYDRIDE, COPOLYMER	9	Bx		462,463			PE	+	
	53985	-	*ETHYLENE OXIDE-VINYLPYRROLIDONE, COPOLYMER	9	Bx	M52/M44	462,463//				+	
	54000		See 54170	D	D					Same 54170	+	+
	54005	05136-44-7	ETHYLENE-N-PALMITAMIDE-N'-STEARAMIDE	3	A4	Rx		Chemically similar to 53520 in list 3.		Is not a mixture!	+	
	54020		*ETHYLENE-PROPYLENE, COPOLYMER	9	Bx		462,463			PO	+	
	54040		*ETHYLENEUREA-FORMALDEHYDE-ISOPHTHALIC ACID DIAMIDE, COPOLYMER	9	Bx		462,463			POM	+	
	54060		*ETHYLENE-VINYL ACETATE, COPOLYMER	9	Bx	M44	462,463,1394*			PE,PS,PVC,PVCC, PVDC	+	
	54080		See "54260"	D	D					Same 54260	+	+
	54085		*ETHYLENE-VINYL BENZOATE, COPOLYMER	9	Bx	M44					+	
	54100	-	*ETHYLENE-VINYL ESTERS OF SAT., ALIPH., MONOCARB., ACIDS (C2-C18), COPOLYMER	9	Bx	M44				A	+	
+	54120	00149-57-5	*2-ETHYLHEXANOIC ACID	6B	Bx	M56/M53/R1	1776+//	Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.05 mg/kg of food, peroxisome proliferation study too.		Same 17040	+	
+	54130	24593-34-8	*2-ETHYLHEXANOIC ACID, CERIUM SALT	6B	Bx	M56/M54	1083,2090//	L6B for 2-ethylhexanoic acid Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.05 mg/kg of food, peroxisome proliferation study too. L8 for cerium.				+
+	54140	00136-52-7	*2-ETHYLHEXANOIC ACID, COBALT(II) SALT	6B	Bx	M56/M52/M40/M39	1632*,1641,1707//	L3 for Cobalt. R: 0.05 mg/kg of food (as Co). (RIVM, summary data, October 1992)(CS/PM/1707). L6B for 2-ethylhexanoic acid. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.05 mg/kg of food, peroxisome	SML(T14) = 0.05 mg/kg (as Co)	PET	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								proliferation study too.				
+	54150	13586-82-8	*2-ETHYLHEXANOIC ACID, COBALT SALT	6B	Bx	M56/M52	672,1707//	L3 for Cobalt. R: 0.05 mg/kg of food (as Co). (RIVM, summary data, October 1992)(CS/PM/1707). L6B for 2-ethylhexanoic acid. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.05 mg/kg of food, peroxisome proliferation study too.	SML(T14) = 0.05 mg/kg (as Co)			+
	54160		See 54300	D	D						+	
+	54170	93777-46-9	*2-ETHYLHEXANOIC ACID, DECYL ESTER	6B	Bx	M56/Rx		L0 for n-decanoic acid. L6B for 2-ethylhexanoic acid. Needed: toxicological data depending on migration level (SCF guidelines) and, if migration exceeds 0.05 mg/kg of food, peroxisome proliferation study too.		PS	+	+
+	54180	15590-62-2	*2-ETHYLHEXANOIC ACID, LITHIUM SALT	6B	Bx	M56/M49	1040,1083/ /	L2 for Lithium. Group TDI: 0.01 mg/kg b.w. (as Li). For lithium, see references of 38000 in L2 of this report. L6B for 2-ethylhexanoic acid. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.05 mg/kg of food, peroxisome proliferation study too.	SML(T) = 0.6 mg/kg (as Li).	Cov. by 31120		+
+	54190	15956-58-8	*2-ETHYLHEXANOIC ACID, MANGANESE SALT	6B	Bx	M56/M52 /M49	1083//	L2 for the Mn. Group TDI: 0.01 mg/kg b.w. (as Mn). See references for 30180 in L2 in this report. L6B for 2-ethylhexanoic acid. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.05 mg/kg of food, peroxisome proliferation study too.	SML(T16) = 0.6 mg/kg (as Mn).	Cov.by 31120		+
	54205		2-ETHYLHEXANOIC ACID, SALTS	D	D		1083			Cov.by 53920		+
+	54220	22464-99-9	*2-ETHYLHEXANOIC ACID, ZIRCONIUM SALT	6B	Bx	M54	1083/2091/ /	L6B for 2-ethylhexanoic. Needed: same as 17040.				+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							L7 for zirconium. Available: Oral life span study in mice and rats and oral studies in rabbits and dogs (reports not seen). Needed: migration data and toxicity data according to SCF guidelines. (RIVM doc; (CS/PM/2091)).				
54235		*2-ETHYLHEXYL ACRYLATE-N-VINYL-N-METHYLACETAMIDE, COPOLYMER	9	Bx	M49	1083					+
54240		See 54380	D	D						+	
54245	-	*2-ETHYLHEXYL MALEATE-VINYL ACETATE COPOLYMER	9	Bx	M52	1287//				+	
54260	09004-58-4	ETHYLHYDROXYETHYLCELLULOSE	2	A4	M41/Rx		Group TDI: not specified based on Group ADI (=not specified) for certain modified celluloses. (JECFA 35 M., 1989).			+	+
54270	-	ETHYLHYDROXYMETHYLCELLULOSE	2	A4	M49	1083/	Group TDI : not specified based on Group ADI (=not specified) for certain modified celluloses. (JECFA, 35 M., 1989).			+	+
54280	-	ETHYLHYDROXYPROPYLCELLULOSE	2	A4	M49	1083/	Group TDI : not specified based on group ADI (=not specified) for certain modified celluloses. (JECFA, 35 M., 1989).			+	+
54300	-	2,2'-ETHYLIDENEBIS(4,6-DI-tert-BUTYL PHENYL) FLUOROPHOSPHONITE	2	A5	M44/M38 /M34	157,175,24 5,326,549, 571,841/	TDI: 0.1 mg/kg b.w. 3 month oral dog and 3 month combined oral fertility study in rats. Mutagenicity tests negative. (doc. CS/PM/841)	SML = 6 mg/kg		+	
54320		See "54420"	D	D					Same 54420	+	
54325	00931-36-2	*2-ETHYL-4-METHYLIMIDAZOLE	8	Bx	M46	672/					+
54365	25550-14-5	*ETHYLTOLUENE	8	Bx	M46	672/					+
54380	08047-99-2	*N-ETHYLTOLUENESULPHONAMIDE	8	Bx	Rx					+	
54395	35835-94-0	*ETHYLTRIPHENYLPHOSPHONIUM ACETATE	8	Bx	M46	672/					+
54400		See "54450"	D	D					Same 54450	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	54420	00121-32-4	ETHYLVANILLIN	1	A4	M44/M41 /R25		ADI : 5 mg/kg b.w. (JECFA 35 M., 1990).			+	
	54450	-	FATS AND OILS, FROM ANIMAL OR VEGETABLE FOOD SOURCES	3	A4	M52/Rx	1083//	Food fat.			+	+
	54480	-	FATS AND OILS, HYDROGENATED, FROM ANIMAL OR VEGETABLE FOOD SOURCES	3	A4	M52/Rx		Similar to food fats.			+	
	54560		*FATS AND OILS, REFINED, ARISING FROM BONES, WITH UNSAPONIFIABLE MATTER UP TO 1%	9	Bx	M53/Rx					+	
	54640	-	*FATS AND OILS, SULPHATED, DERIVED FROM ANIMAL OR VEGETABLE SOURCES	9	Bx	Rx	351,1665				+	
	54650	-	*FATS AND OILS, SULPHONATED, DERIVED FROM ANIMAL OR VEGETABLE SOURCES	9	Bx	Rx				Ex 54270	+	
+	54670	08030-94-2	*FATTY ACIDS, SOYA, CERIUM SALTS	8	Bx	M54/M52 /M49	1083/2090/ /	L3 for fatty acids soya. Constituents of food fats. L8 for cerium.				+
	54675/ 0		FATTY ACIDS, SOYA, COBALT SALTS	D	D	M52	1083,1707/ /					+
	54675/ 1		FATTY ACIDS, SOYA, COBALT SALTS	3	Ax	M52	1083,1707/ /	L3 for Cobalt. R: 0.05 mg/kg of food (as Co). (RIVM, summary data, October 1992)(CS/PM/1707). L3 for fatty acids, soya. Constituents of natural fats.	SML(T14) = 0.05 mg/kg (as Co)			+
	54680/ 0		FATTY ACIDS, SOYA (food grade quality), LITHIUM SALTS	D	D	M52/M49	1083//	L3 for fatty acids soya Constituents of natural fats. L2 for the Lithium Group TDI: 0.01 mg/kg b.w. (as Li). See references for 38000 in L2 in this report.		Same 54680/1		+
	54680/ 1		FATTY ACIDS, SOYA, LITHIUM SALTS	2-3	Ax	M52/M49	1040,1083/ /	L3 for fatty acids, soya. Constituents of natural fats. L2 for the Lithium. Group TDI: 0.01 mg/kg b.w. (as Li).	SML(T) = 0.6 mg/kg (as Li)			+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								See references for 38000 in L2 in this report.				
	54685/0		FATTY ACIDS, SOYA (food grade quality), MANGANESE SALTS	D	D	M52/M49	1083/	L3 for fatty acids, soya (food grade quality). Constituents of natural fats. L2 for the Mn. Group TDI: 0.01 mg/kg b.w. (as Mn). See references for 30180 in L2 in this report.	SML(T16) = 0.6 mg/kg (as Mn)			+
	54685/1		FATTY ACIDS, SOYA, MANGANESE SALTS	2-3	Ax	M52/M49	1083//	L3 for fatty acids, soya. Constituents of natural fats. L2 for the Mn. Group TDI: 0.01 mg/kg b.w. (as Mn). See references for 30180 in L2 in this report.	SML(T16) = 0.6 mg/kg (as Mn)			+
+	54690/0		FATTY ACIDS, SOYA (food grade quality), PROPYLENEGLYCOL MONOESTER	D	D	M53/M52 /M49	1083//	L9 for the propyleneglycol ester (1,2 or 1,3 ester?).		Same 54690/1		+
+	54690/1		*FATTY ACIDS, SOYA, PROPYLENEGLYCOL MONOESTER	9	Bx	M53/M52 /M49	1083//	L9 for propyleneglycol ester (1,2 or 1,3 ester?).				+
+	54700/0		FATTY ACIDS, SOYA, SALTS	3	Ax	M53/M52 /M49	1083//	L3. Toxicologically acceptable.				+
	54700/1		*FATTY ACIDS, SOYA, SALTS	9/D	D	M49	1083/		See 17200			+
+	54705		*FATTY ACIDS, SOYA, ZIRCONIUM SALTS	7	Bx	M54	1083,2091/ /	L3 for fatty acids soya. Constituents of food fats. L7 for zirconium. See references for 54220.				+
	54705/1		*FATTY ACIDS, SOYA, ZIRCONIUM SALTS	D	D		1083,2091/ /			Same 54705/0		+
	54710/0	611790-12-3	FATTY ACIDS, TALL OIL (food grade quality),	D	D	M52	1083//	.....				+
	54710/1	61790-12-3	FATTY ACIDS, TALL OIL	3	Ax	M52/M49	1083//			Same 17230		+
	54720		See 54650	D	D						+	
+	54725	08030-72-6	*FATTY ACIDS, TALL OIL, CERIUM SALTS	8	Bx	M54/M52	1083//2090 //	L3 for fatty acids, tall oil.				+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								L8 for cerium.				
	54725/1		FATTY ACIDS, TALL OIL, CERIUM SALTS	D	D	M52	1083/2090			Same 54725		+
	54730/0		FATTY ACIDS, TALL OIL (food grade quality), COBALT SALTS	D	D	M52	1083,1707//			Same 54730/1		+
	54730/1		FATTY ACIDS, TALL OIL, COBALT SALTS	3	Ax	M52	1083,1707//	L3 for fatty acids tall oil. L3 for Cobalt. R: 0.05 mg/kg of food (as Co). (RIVM, summary data, October 1992)(CS/PM/1707).	SML(T14) = 0.05 mg/kg (as Co)			+
	54735/0		FATTY ACIDS, TALL OIL (food grade quality), LITHIUM SALTS	D	D	M52/M49	1083//	L3 for fatty acids tall oil (food grade quality). Constituents of natural fats. L2 for the Lithium. Group TDI: 0.01 mg/kg b.w. See references for 38000 in L2 in this report.				+
	54735/1		FATTY ACIDS, TALL OIL, LITHIUM SALTS	2-3	Ax	M52/M49	1040,1083//	L3 for fatty acids tall oil. L2 for the lithium. Group TDI: 0.01 mg/kg b.w. See references for 38000 in L2 in this report.	SML(T) = 0.6 mg/kg (expressed as Li)			+
	54740/0		FATTY ACIDS TALL OIL (food grade quality), MANGANESE SALTS	D	D	M52/M49	1083//	L3 for fatty acids, tall oil (food grade quality). Constituents of natural fats. L2 for the Mn. Group TDI: 0.01 mg/kg b.w. (as Mn). See references for 30180 in L2 in this report.	SML(T16) = 0.6 mg/kg (as Mn)	Same 54740/1		+
	54740/1	08030-70-4	FATTY ACIDS, TALL OIL, MANGANESE SALTS	2-3	Ax	M52/M49	1083//	L3 for fatty acids tall oil. L2 for the Mn. Group TDI: 0.01 mg/kg b.w. (as Mn). See references for 30180 in L2 in this report.	SML(T16) = 0.6 mg/kg (as Mn)			+
+	54750		*FATTY ACIDS, TALL OIL, ZIRCONIUM SALTS	7	Bx	M54/M52	1083/2091//	L3 for fatty acids tall oil. L7 for zirconium. See references for 54220.				+
	54750/0		FATTY ACIDS, TALL OIL, ZIRCONIUM SALTS	D	D	M52	1083//2091 (Rivm)			Same 54750/1		+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
54760	61790-38-3	FATTY ACIDS, TALLOW, HYDROGENATED	3	Ax	M52/M49	1083//					+
54766	115438-43-2	*FATTY ACIDS, TALLOW, HYDROGENATED, 2-ETHYLHEXYLESTER	9-P	Bx	M51	1433 (M,28,T)(R IVM)			S1(31200)	+	
54770		*FATTY ACIDS, TALLOW, PROPYLENEGLYCOL MONOESTER	9	Bx	M49	1083/			Specify:1,2 or 1,3		+
54780		*FATTY ACIDS, TALLOW, SULPHATED	9	Bx	M49	1083					+
54785		*FATTY ACIDS, UNSATURATED, C18, DERIVED FROM ANIMAL AND VEGETABLE FATS AND OILS, DIMERS	9	Bx	M49	1083 (Bohme)					+
54790		*FATTY ACIDS, UNSATURATED, C18, DERIVED FROM ANIMAL AND VEGETABLE FATS AND OILS, TRIMERS	9	Bx	M49	1083//					+
54795		*FATTY ACIDS, UNSATURATED, C18, DERIVED FROM TALL OIL, DIMERS	9	Bx	M49	1083					+
54800		See 54860	D	D						+	
54805		*FATTY ACIDS, UNSATURATED, C18, DERIVED FROM TALL OIL, TRIMERS	9	Bx	M49	1083					+
54820	-	FIBERS, NATURAL, SYNTHETIC OR METALLIC	D	D					Cov.by other items	+	
54840	07782-41-4	*FLUORINE	W	D	M42/M38	1846+			Blowing agent for fluorinated HDPE	+	
54860	16961-83-4	*FLUOROSILICIC ACID	7	Bx	Rx		Needed: use levels, migration data.		PO/Ex 54800	+	
54880	00050-00-0	FORMALDEHYDE	3	AS	Rx		See references for the same substance in monomer list. (SCF, 17th Series, 1986).	SML(T)= 15 mg/kg	PAM,PVAC/Same 17260	+	+
54900	09017-33-8	*FORMALDEHYDE-NAPHTHALENESULPHONIC ACID, COPOLYMER	9	Bx		462,463,1287			ABS,PS	+	+
54920	39317-86-7	*FORMALDEHYDE-tert-PENTYLPHENOL, COPOLYMER	9	Bx	M49	1083					+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
54930	25359-91-5	*FORMALDEHYDE-1-NAPHTHOL, COPOLYMER	9-P	Bx	M52	1287//2192 (mM)(RIVM-TNO)				+	
54940	09003-35-4	*FORMALDEHYDE-PHENOL, COPOLYMER	9	Bx	M46	672/					+
54960	01338-51-8 25035-71-6	*FORMALDEHYDE-TOLUENESULPHONAMIDE, COPOLYMER	9	Bx	Rx					+	+
54970	09003-08-1	*FORMALDEHYDE-2,4,6-TRIAMINO-1,3,5-TRIAZINE, COPOLYMER	9	Bx	M49				POM	+	+
54980	68002-25-5	*FORMALDEHYDE-2,4,6-TRIAMINO-1,3,5-TRIAZINE, COPOLYMER, BUTYLATED	9	Bx	M46						+
54990	68002-24-4	*FORMALDEHYDE-2,4,6-TRIAMINO-1,3,5-TRIAZINE, COPOLYMER, BUTYLATED, ISOBUTILATED	9	Bx	M46	672/					+
55000	68036-97-5	*FORMALDEHYDE-2,4,6-TRIAMINO-1,3,5-TRIAZINE, COPOLYMER, BUTYLATED, METHYLATED	9	Bx	M46	672/					+
55010	68002-21-1	*FORMALDEHYDE-2,4,6-TRIAMINO-1,3,5-TRIAZINE, COPOLYMER, ISOBUTYLATED	9	Bx	M46	672/					+
55015	68955-24-8	*FORMALDEHYDE-2,4,6-TRIAMINO-1,3,5-TRIAZINE, COPOLYMER, ISOBUTYLATED, METHYLATED	9	Bx	M46	672/					+
55025	68002-20-0	*FORMALDEHYDE-2,4,6-TRIAMINO-1,3,5-TRIAZINE, COPOLYMER, METHYLATED	9	Bx	M46	672/					+
55030	09011-05-6	*FORMALDEHYDE-UREA, COPOLYMER	9	Bx	M49				POM	+	+
55040	00064-18-6	FORMIC ACID	1	A4	Rx		Group ADI: 3 mg/kg b.w. for formic acid and ethyl formate. (JECFA 17 M., 1973).			+	+
55120	00110-17-8	FUMARIC ACID	1	A4	Rx		ADI: 6 mg/kg b.w. (SCF, 25th Series, 1990).		Same 17290	+	
55160	00098-00-0	*FURFUROL	8	Bx	M45				Same 17505	+	
55190	29204-02-2	GADOLEIC ACID	0	D	M51	1664			S1(30620)/Same 17510/Cov. by 31328	+	
55200	01166-52-5	GALLIC ACID, DODECYL ESTER	1	A5	Rx		Group ADI: 0.5 mg/kg b.w. for gallic acid, octyl	SML = 30 mg/kg		+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								ester and gallic acid, propyl ester. (SCF, 22th Series, 1989).	(expressed as gallic acid)			
	55280	01034-01-1	GALLIC ACID, OCTYL ESTER	1	A5	Rx		Group ADI: 0.5 mg/kg b.w. for gallic acid, dodecyl ester and gallic acid, propyl ester. (SCF, 22th Series, 1989).	SML = 30 mg/kg (expressed as gallic acid)		+	
	55360	00121-79-9	GALLIC ACID, PROPYL ESTER	1	A5	Rx		Group ADI: 0.5 mg/kg b.w. for gallic acid, dodecyl ester and gallic acid, octyl ester. (SCF, 22th Series, 1989).	SML = 30 mg/kg (as gallic acid)		+	+
	55440	09000-70-8	GELATIN	0	A4	M41					+	+
	55520	-	GLASS FIBERS (D=0.5-30 MICROMETERS)	3	A4	Rx		Inert material.			+	+
	55600	-	GLASS MICROBALLS (D=0.5-500 MICROMETERS)	3	A4	Rx		Inert material.			+	+
	55660	00111-30-8	*GLUTARDIALDEHYDE	8	Bx	M49	672/			Give existing data!		+
	55680	00110-94-1	GLUTARIC ACID	0	A4	Rx				Same 18010	+	
	55760	29733-18-4	*GLUTARIC ACID, DIISODECYL ESTER	8	Bx	Rx	1287			PVC/Same 18040	+	
	55840	28880-25-3	*GLUTARIC ACID, DIISOOCTYL ESTER	8	Bx	Rx	1287/			PVC	+	
	55880	01119-40-0	*GLUTARIC ACID, DIMETHYL ESTER	7	Bx	M48	672/	Needed: hydrolysis data.		Same 18055		+
	55920	00056-81-5	GLYCEROL	1	A4	Rx		Group ADI: not specified for glycerol, glycerol diacetate, glycerol triacetate and glycerol monoacetate. (SCF, 11th Series, 1981).		Same 18100	+	+
	56000	25395-31-7	GLYCEROL DIACETATE	1	D	Rx		Group ADI: not specified for glycerol, glycerol diacetate, glycerol triacetate and glycerol monoacetate. (SCF, 11th Series, 1981).		Cov. by 56360	+	
	56020	99880-64-5	GLYCEROL DIBEHENATE	3	A4	M52	1665//	Toxicologically acceptable.		S1(56400)	+	
	56040	-	GLYCEROL DIBUTYRATE	3	D	M50,M52		Toxicologically acceptable.		CACAP/Cov.by 56487	+	
	56055	27638-00-2	GLYCEROL DILAURATE	3	D	M52	1735//	Toxicologically acceptable.		Cov by 56500	+	+
	56070	53563-63-6	GLYCEROL DIMYRISTATE	3	D	M52	1735//	Toxicologically acceptable.		Cov by 56520	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	56080	25637-84-7	GLYCEROL DIOLEATE	1	D	Rx		ADI: not specified. (JECFA 17 M., 1973).		Cov. by 56540	+	
	56120	26657-95-4	GLYCEROL DIPALMITATE	3	D	M52	1735//	Toxicologically acceptable.		Cov by 56550	+	+
	56160	26402-29-9	GLYCEROL DIPROPIONATE	3	D	Rx,M52		Toxicologically acceptable.		Cov. by 56570	+	
	56240	27902-24-5	GLYCEROL DIRICINOLEATE	3	D	Rx		.....		Cov. by 56500	+	
	56320	01323-83-7	GLYCEROL DISTEARATE	1	D	Rx		ADI: not specified. (JECFA 17 M., 1973).		Cov. by 56585	+	+
+	56360	-	GLYCEROL ESTERS WITH ACETIC ACID		A4					Added to delete glycerol mono,di-,tri acetate	+	+
	56400	-	*GLYCEROL, ESTERS WITH ACIDS, ALIPH., MONOCARB. (MORE THAN C6)	9	Bx	M49	597/			See 57080	+	+
	56480	-	*GLYCEROL, ESTERS WITH ACIDS, ALIPH., MONOCARB., HYDROXYLATED (C12-C20)	9	Bx	Rx	351				+	
	56485	91052-28-7	*GLYCEROL, ESTERS WITH ACIDS, ALIPH.,SAT.(C14-C18) AND ACIDS, ALIPH. UNSAT (C16-C18)	9-P	Bx	M51	1445 (Bohme-Ellas)			S1(56400)	+	
+	56487		GLYCEROL ESTERS WITH BUTYRIC ACID		A4					Add to delete *Glycerol mono-,di-,tributyrate	+	+
	56490		GLYCEROL, ESTERS WITH ERUCIC ACID	3	A4	M49,M52	1083//	Toxicologically acceptable.		Cov.by 56400	+	+
+	56495	-	GLYCEROL ESTERS WITH 12-HYDROXYSTEARIC ACID	3	A4	Rx,M52	1665//	Toxicologically acceptable.		PVC	+	+
	56500		GLYCEROL, ESTERS WITH LAURIC ACID	3	A4	M49,M52	1083//	Toxicologically acceptable.		See 57960	+	+
	56510		GLYCEROL, ESTERS WITH LINOLEIC ACID	3	A4	M49,M52	1083//	Toxicologically acceptable.		Cov.by 56400	+	+
	56520		GLYCEROL, ESTERS WITH MYRISTIC ACID	3	A4	M49,M52	1083//	Toxicologically acceptable.		Cov.by 56400	+	+
	56530		*GLYCEROL, ESTERS WITH NATURAL FATTY ACIDS	9	Bx	M49	1083					+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	56540		GLYCEROL, ESTERS WITH OLEIC ACID	3	A4	M49,M52	1083//	Toxicologically acceptable.		Cov.by 56400	+	+
	56550		GLYCEROL, ESTERS WITH PALMITIC ACID	3	A4	M49,M52	1083//	Toxicologically acceptable.		Cov.by 56400	+	+
	56560		See 56600	D	D					Same 56600	+	
	56565		GLYCEROL, ESTERS WITH PELARGONIC ACIDS	3	A4	M49,M52	1083//	Toxicologically acceptable.		Cov.by 56400	+	+
+	56570	-	GLYCEROL ESTERS WITH PROPIONIC ACID		A4					Added to delete "Glycerol mono-,di-,tri-propionate	+	+
	56580		GLYCEROL, ESTERS WITH RICINOLEIC ACID	3	A4	M49,M52	1083//	Toxicologically acceptable.		Cov.by 56480	+	+
+	56585		GLYCEROL ESTERS WITH STEARIC ACID		A4					Added to delete "Glycerol mono-,di-,tri-stearate"	+	+
	56590		GLYCEROL, ESTERS WITH ACIDS, LINEAR, WITH AN EVEN NUMBER OF CARBON ATOMS (C8-C18)	3/D	D	M49,M52	1083//	Toxicologically acceptable.		Ex L9(M49)/Similar to 56400		+
	56600	26446-35-5	GLYCEROL MONOACETATE	1	D	Rx		Group ADI: not specified for glycerol, glycerol diacetate, glycerol triacetate and glycerol monoacetate. (SCF, 11th Series, 1981).		Cov. by 56360	+	
	56610	30233-64-8	GLYCEROL MONOBEHENATE	3	A4	M52	829//	Toxicologically acceptable.		SI(56400)	+	
	56640	26999-06-4	GLYCEROL MONOBUTYRATE	3	D	Rx,M52		Toxicologically acceptable.		Cov.by 56487	+	
	56670		GLYCEROL MONOCITRATE	3	D	M52	1083//	Toxicologically acceptable.				+
	56720	26402-23-3	GLYCEROL MONOHEXANOATE	3	A4	Rx,M52		Toxicologically acceptable.			+	
	56760	01323-43-9	GLYCEROL MONO(12-HYDROXYSTEARATE)	3	D	M52	949,1083//	Toxicologically acceptable.		SI(62000)/Cov. by 56495	+	+
	56780	27215-38-9	GLYCEROL MONOLAURATE	3	D	M52	949//	Toxicologically acceptable.		SI(56400)/Cov. by 56500	+	+
	56800	30899-62-8	GLYCEROL MONOLAURATE DIACETATE	3	A4	Rx		Chemically similar to natural fats.		PVDC	+	
	56840	27214-38-6	GLYCEROL MONOMYRISTATE	3	D	M52	173//	Toxicologically acceptable.		Cov by 56520	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	56880	26402-26-6	GLYCEROL MONOOCTANOATE	3	A4	Rx,M52		Toxicologically acceptable.			+	
	56960	25496-72-4	GLYCEROL MONOOLEATE	1	D	Rx		ADI: not specified. (JECFA 17 M., 1973).		Cov. by 56540	+	+
	57040	-	GLYCEROL MONOOLEATE, ESTER WITH ASCORBIC ACID	2	A4	Rx		Group TDI: not specified. Similarity with the citric acid esters. (JECFA 17 M., 1973).			+	
	57120	-	GLYCEROL MONOOLEATE, ESTER WITH CITRIC ACID	1	A4	Rx		ADI: not specified for citric and fatty acid esters of glycerol. (SCF, 7th Series, 1978).			+	
	57150	26657-96-5	GLYCEROL MONOPALMITATE	3	D	M52	1735//	Toxicologically acceptable.		Cov by 56550	+	+
	57200	-	GLYCEROL MONOPALMITATE, ESTER WITH ASCORBIC ACID	2	A4	Rx		Group TDI= not specified. Similarity with the citric acid esters. (JECFA 17 M., 1973)			+	
	57280	-	GLYCEROL MONOPALMITATE, ESTER WITH CITRIC ACID	1	A4	Rx		ADI: not specified for citric and fatty acid esters of glycerol. (SCF, 7th Series, 1978).			+	
	57360	26894-50-8	GLYCEROL MONOPROPIONATE	3	D	Rx,M52		Toxicologically acceptable.		Cov. by 56570	+	
	57440	01323-38-2	GLYCEROL MONORICINOLEATE	3	D	Rx,M52		Toxicologically acceptable.		Cov. by 56580	+	
	57520	31566-31-1	GLYCEROL MONOSTEARATE	1	D	Rx		ADI: not specified. (JECFA 17 M., 1973).		Cov. by 56585	+	+
	57600	-	GLYCEROL MONOSTEARATE, ESTER WITH ASCORBIC ACID	2	A4	Rx		Group TDI= not specified. Similarity with the citric acid esters. (JECFA 17 M., 1973).			+	
	57680	-	GLYCEROL MONOSTEARATE, ESTER WITH CITRIC ACID	1	A4	Rx		ADI: not specified for citric and fatty acid esters of glycerol. (SCF, 7th Series, 1978).			+	
	57760	00102-76-1	GLYCEROL TRIACETATE	1	D	Rx	1732//	Group ADI: not specified for glycerol, glycerol diacetate, glycerol triacetate and glycerol monoacetate. (SCF, 11th Series, 1981).		Cov. by 56360	+	+
	57840	00060-01-5	GLYCEROL TRIBUTYRATE	3	D	M52/Rx	1732//	Toxicologically acceptable.		Cov.by 56487	+	
+	57880		*GLYCEROL, TRIESTERS WITH ACIDS, ALIPH.,	9	Bx	M53/M52	1732//			Derived by	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
			MONOCARB. (MORE THAN C6)							56400		
	57920	00620-67-7	GLYCEROL TRIHEPTANOATE	3	A4	Rx,M52	1732//	Toxicologically acceptable.			+	
	57960	00538-24-9	GLYCEROL TRILAURATE	3	D	M52	1732//	Toxicologically acceptable.		Cov by 56500	+	+
	58000	68476-38-0	*GLYCEROL TRIMONTANATE	7	Bx	Rx		Needed: hydrolysis data.		Presence of C25-C32.	+	
	58040	00555-45-3	GLYCEROLTRIMYRISTATE	3	D	M52	1732//	Toxicologically acceptable.		Cov by 56520	+	+
	58060	00555-44-2	GLYCEROL TRIPALMITATE	3	D	M52	1732//	Toxicologically acceptable.		Cov by 56550	+	+
	58080	00139-45-7	GLYCEROL TRIPROPIONATE	3	D	Rx,M52		Toxicologically acceptable.		Cov.by 56570	+	
	58160	00139-44-6	GLYCEROL TRIS(12-HYDROXYSTEARATE)	3	D	Rx		Toxicologically acceptable.		PVC/Covered by 56495	+	
	58240	00555-43-1	GLYCEROL TRISTEARATE	3	D	M52/Rx	1732//	Toxicologically acceptable.		Cov. by 56585	+	+
	58260	27214-00-2	*GLYCEROPHOSPHORIC ACID, CALCIUM SALT	7	Bx	M52	1083,1653/ /	Needed: hydrolysis data.				+
	58280	00927-20-8	GLYCEROPHOSPHORIC ACID, MAGNESIUM SALT	3	Ax	M52	1083//	Toxicologically acceptable.				+
	58300	-	GLYCINE, SALTS	1	A4	M49		ADI: acceptable. (SCF, 25th Series, 1991).		PUR/Cov.by 34880	+	
	58310	00107-22-2	*GLYOXAL	D	D						+	+
	58320	07782-42-5	GRAPHITE	3	A4	Rx		Inert material.			+	+
	58360	09000-29-7	GUAIAC GUM	1	Ax	M51/M49	1083/	ADI: 2.5 mg/kg bw. (JECFA, 17M, 1973).		Ref_N. changed from 58360/0-->58360		+
	58360/1	09000-29-7	GUAIAC GUM	D	D	M51,M49	1083/	Deleted.		Same 58360		+
	58400	09000-30-0	GUAR GUM	1	A4	Rx		ADI: not specified. (SCF, 7th Series, 1978).		SCF:Spec(P)	+	+
	58480	09000-01-5	GUM ARABIC	1	A4	M37		ADI: not specified. (JECFA, 35 M., 1989).		A	+	+
	58560	-	*GUMS, NATURAL	9	Bx	Rx					+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	58640	15655-33-1	*2-HEPTADECYL-4,4'-BIS(METHYLENE STEARATE)-1,3- OXAZOLINE	7	Bx	Rx		Needed: report of 90-day oral study (BIBRA).			+	
	58680	00142-82-5	*n-HEPTANE	8	Bx	M51	1287,1457(Rivm)			S1(59825)	+	+
	58720	00111-14-8	HEPTANOIC ACID	3	A4	M43/M41/Rx		Fatty acid from food.			+	+
	58740	16761-13-0	HEPTANOIC ACID, LITHIUM SALT	2-3	Ax	M52/M49	1040,1083//	L3 for heptanoic acid. L2 for the Lithium. TDI: 0.01 mg/kg b.w. (as Li). See references for 38000 in L2 in this report.	SML(T) = 0.6 mg/kg (expressed as Li)	Cov.by 31120		+
	58760		HEPTANOIC ACID, MANGANESE SALT	2-3	Ax	M52/M49	1083//	L3 for heptanoic acid. See references for 58720 in list 3. L2 for the Mn. TDI: 0.01 mg/kg b.w. (as Mn). See references for 30180 in list 2.	SML(T16) = 0.6 mg/kg (as Mn)	Cov.by 31120		+
	58770	25637-99-4	HEXABROMOCYCLODODECANE	5	D	Rx				3A	+	+
	58790	36653-82-4	1-HEXADECANOL	3	D	M49	1083/	See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C24)" (PM/REF.N. 33120) in SCF list 3.		Same 18310/Cov. by 33120		+
	58800	67845-93-6	HEXADECYL 3,5-DI-tert-BUTYL-4-HYDROXYBENZOATE	D	D	M36	51			Same 46800	+	
	58880	00123-03-5	*HEXADECYLPYRIDINIUM CHLORIDE	8	Bx	M50/R1				PO/28-day inadequate study available.	+	+
	58960	00057-09-0	HEXADECYLTRIMETHYLAMMONIUM BROMIDE	2	A5	M38/Rx	302,355	TDI: 0.1 mg/kg b.w. 400-day oral rat study. (RIVM report, September 1978).	SML= 6 mg/kg	Cov.by 34400	+	
+	59040	09011-17-0	HEXAFLUOROPROPYLENE-VINYLIDENE FLUORIDE, COPOLYMER	3	A5	M57/M44/Rx	634/1032,2177//	Average Mw above 70000.	Specifications to be added.	PO/Pol.	+	
	59120	23128-74-7	1,6-HEXAMETHYLENEBIS(3-(3,5-DI-tert-BUTYL-4-HYDROXYPHENYL)PROPIONAMIDE)	2	A5	M35	54,193/	TDI: 0.75 mg/kg b.w. 2-year and 90-day oral rat studies, teratogenicity studies in mice, rats, rabbits.	SML= 45 mg/kg		+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							(RIVM report 88/678608/010, 1989-01-24).				
59200	35074-77-2	1,6-HEXAMETHYLENE BIS(3-(3,5-DI-tert-BUTYL-4-HYDROXYPHENYL)PROPIONATE)	2	A5	Rx		TDI: 0.1 mg/kg b.w. 90-day oral rat and dog (plus 4-week recovery period) studies and a 2-year oral study. (RIVM July 1975, report CBG 182/80928, 5 april 1982).	SML= 6 mg/kg	POM	+	
59240	00124-09-4	HEXAMETHYLENEDIAMINE	2	Ax	M49	1083//	TDI: 0.04 mg/kg b.w. See references for the same substance in monomer report.	SML = 2.4 mg/kg	Same 18460		+
59280	00100-97-0	HEXAMETHYLENETETRAMINE	3	A5	Rx		See references for the same substance in monomer list.	SML(T)= 15 mg/kg (expressed as formaldheyde)	MF,PF.UF/Same 18670	+	+
59330	00110-54-3	*n-HEXANE	8	Bx	M51				PS/Cov.by 33440	+	+
59332		*HEXANE (isomers)	9	Bx	M51	1618/			S1(33440)	+	
59360	00142-62-1	HEXANOIC ACID	0	A4	Rx	1083				+	+
59440	-	*2,8,14,18,24,30-HEXAOXA-6,10,22,26-TETRATHIO-7,9,23,25-TETRASTANNA-7,7,9,9,23,23,25,25-OCTA-(n-DODECYL)-SPIRO(15,15)HENTRIACONTANE-3,13,19,29-TETRAOXIDE	8	Bx	Rx				PVC	+	
59520	02425-77-6	*2-HEXYLDECANOL	8	Bx	M37				PVC	+	+
59600	00107-41-5	*HEXYLENEGLYCOL	7	Bx	Rx		Needed: purity, physicochemical state, migration data.		Same 18850	+	+
59640		*HIDE GLUE	9	Bx	M49	1083					+
59760	19569-21-2	HUNTITE	3	A4	Rx		Inert, insoluble material.			+	
59810		*HYDROABIETYL ALCOHOL	8	Bx	M49	1083					+
59825	-	*HYDROCARBONS, ALIPHATIC UP TO C8	9	Bx	M39	1847+			PS	+	+
59840	-	*HYDROCARBONS, ALIPHATIC, (C10-C14) (B.P. 180-260 °C)	9	Bx	M39/M37	1777+			PO	+	+
59841		See "59935"	D	D						+	
59842		See "59950"	D	D						+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	59870		*HYDROCARBONS, ALIPHATIC (BOILING POINT UP TO 160°C)	9	Bx	M52	1083/	Specifications on identity.				+
	59880		*HYDROCARBONS, ALIPHATIC (BOILING POINT UP TO 250°C, BENZENE FREE)	9	Bx	M49	1083					+
+	59885		*HYDROCARBONS, ALIPHATIC (BOILING POINT 230-330°C), WITH A MAXIMUM AROMATICS CONTENT OF 25%	9	Bx	M53	1083//	Specifications on identity.				+
	59900		*HYDROCARBONS, ALIPHATIC AND CYCLOALIPHATIC, OBTAINED BY HYDROGENATION OF MINERAL OIL FRACTION (M.W.: 440-550)	9	Bx	M53	1083//	Specifications on identity.				+
	59915		*HYDROCARBONS, AROMATIC (BOILING POINT UP TO 180°C, BENZENE FREE)	9	Bx	M49	1083					+
	59920		See "59980"	D	D						+	
	59935		HYDROCARBONS (B.P. 180-260 °C, HYDROGENATED)	2	A5	M52/M39 /M37	195,213,21 9,239,256, 331//	Group t-TDI: 0.05 mg/kg b.w. (SCF, 26th Series, 1992). Purity criteria to be established.	SML(T)= 3 mg/kg for all hydrogenated products (see introduction of the annex)/Spec(P)	PO/Ex 59841/Spec(P)	+	
	59950	-	HYDROCARBONS (B.P. 180-260 °C, CONVENTIONAL)	2	A5	M52/M39 /M37	195,213,21 9,239,256, 331//	Group t-TDI: 0.005 mg/kg b.w. (SCF 26th Series, 1992). Purity criteria to be established.	SML(T)=0.3 mg/kg for all conventional products (see introduction of the annex)/Spec(P	PO/Ex 59841/Spec(P)	+	
+	59980	-	*HYDROCARBON WAX, OXIDIZED	9	Bx	Rx				"Salt" was deleted from the name	+	
	59990	07647-01-0	HYDROCHLORIC ACID	1	A4	M42		ADI: not specified. (SCF, Rx).		MF,PAN,PF,UF	+	+
	60005	-	HYDROCHLORIC ACID, SALTS	D	D	M42		Deleted because the acid appears in the list.			+	
	60020	10026-04-7	HYDROCHLORIC ACID, TETRASILICON SALT	D	D					PS/Name changed in "Silicon tetrachloride"	+	
+	60030	12072-90-1	HYDROMAGNESITE	3	A4	Rx		Inert material. Purity to be specified.		SCF:spec(P)/Ex 59680	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	60060	00123-31-9	HYDROQUINONE	D	D					Same 48620	+	+
	60080	12304-65-3	HYDROTALCITE	3	A4	M47	918/1033	Inert, insoluble material.		Similar to 64480	+	+
	60120	00094-18-8	*4-HYDROXYBENZOIC ACID, BENZYL ESTER	8	Bx	M46	672/					+
	60160	00120-47-8	4-HYDROXYBENZOIC ACID, ETHYL ESTER	1	A4	Rx		Group ADI: 10 mg/kg b.w. for ethyl, methyl and propyl esters. (SCF, 1st Series, 1975).			+	+
	60180	04191-73-5	4-HYDROXYBENZOIC ACID, ISOPROPYL ESTER	2	A4	M53	1083//	Group-TDI: 10 mg/kg bw based on group ADI = 10 mg/kg bw for ethyl, methyl and propyl esters.			+	+
	60200	00099-76-3	4-HYDROXYBENZOIC ACID, METHYL ESTER	1	A4	Rx		Group ADI: 10 mg/kg b.w. for ethyl, methyl and propyl esters. (SCF, 1st Series, 1975).			+	+
	60240	00094-13-3	4-HYDROXYBENZOIC ACID, PROPYL ESTER	1	A4	Rx		Group ADI: 10 mg/kg b.w. for ethyl, methyl and propyl esters. (SCF, 1st Series, 1975).			+	+
	60320	70321-86-7	2-(2-HYDROXY-3,5-BIS(1,1-DIMETHYLBENZYL) PHENYL)BENZOTRIAZOLE	2	A5	Rx	78	TDI: 0.025 mg/kg b.w. 90-day oral rat study, 3 mutagenicity studies. (RIVM doc. 27 October 1987).	SML= 1.5 mg/kg		+	+
	60400	03896-11-5	2-(2-HYDROXY-3-tert-BUTYL-5-METHYLPHENYL)-5-CHLOROBENZOTRIAZOLE	2	A5	Rx		Group TDI: 0.5 mg/kg b.w. for 2-(2'-hydroxy-3,5'-di-tert.butylphenyl)-5-chloro-benzotriazole and 2-(2'-hydroxy-5'-methylphenyl)benzotriazole.	SML(T10)= 30 mg/kg with other benzotriazole derivatives		+	+
	60480	03864-99-1	2-(2-HYDROXY-3,5-DI-tert-BUTYLPHENYL)-5-CHLOROBENZOTRIAZOLE	2	A5	Rx		Group TDI: 0.5 mg/kg b.w. for 2-(2'-hydroxy-3'-tert.butyl-5'-methylphenyl)-5-chlorobenzotriazole and 2-(2'-hydroxy-5'-methyl phenyl)benzotriazole.	SML(T10)= 30 mg/kg with other benzotriazole derivatives		+	
	60560	09004-62-0	HYDROXYETHYLCELLULOSE	2	A4	M41/Rx		Group TDI: not specified based on Group ADI (=not specified) for certain modified celluloses. (JECFA 35 M., 1989).			+	+
+	60640	00150-39-0	*N-(2-HYDROXYETHYL)ETHYLENEDIAMINETRIACETIC ACID	8	Bx	M57	1083,2250//					+
	60800	65447-77-0	1-(2-HYDROXYETHYL)-4-HYDROXY-2,2,6,6-TETRAMETHYL PIPERIDINE-SUCCINIC ACID, DIMETHYL ESTER, COPOLYMER	2	A5	Rx		TDI: 0.5 mg/kg b.w. 90-day oral rat and dog studies, 2-year oral rat study.	SML= 30 mg/kg. Specifications to be added.	PA,PMMA,PO	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								(HRC report CBG 237/92271, 10 May 1983).				
	60880	09032-42-2	HYDROXYETHYLMETHYLCELLULOSE	2	A4	M41/Rx		Group TDI: not specified based on Group ADI (=not specified) for certain modified celluloses. (JECFA 35 M., 1989).			+	+
	60920	00622-40-2	N-(2-HYDROXYETHYL)MORPHOLINE	5	D	M46	672/					+
	60960	-	*HYDROXYETHYLOCTADECYLAMINE	8	Bx	Rx				PA	+	+
	61040	00111-58-0	*N-(2-HYDROXYETHYL)OLEAMIDE	8	Bx	Rx					+	
+	61055	00122-99-6	*2-HYDROXYETHYL PHENYL ETHER	8	Bx	M54	1287,2092/ /			Same as 53880	+	
	61070	03040-44-6	*N-(2-HYDROXYETHYL)PIPERIDINE	8	Bx	M46	672/					+
	61100	02955-88-6	*N-(2-HYDROXYETHYL)PYRROLIDINE	8	Bx	M46	672/					+
	61120	09005-27-0	HYDROXYETHYL STARCH	2	A4	Rx		Group TDI: not specified. (JECFA 26 M., 1982).			+	+
	61200	70198-29-7	*1-(2-HYDROXYETHYL)-2,2,6,6-TETRAMETHYL-4-HYDROXYPIPERIDINE/SUCCINIC ACID,COPOLYMER	9	Bx	Rx				PA,PMMA,PO/Change name?	+	
	61280	03293-97-8	2-HYDROXY-4-n-HEXYLOXYBENZOPHENONE	2	A5	Rx		Group TDI: 0.1 mg/kg b.w. See references for 2,4-dihydroxybenzophenone.	SML(T20)= 6 mg/kg	UP	+	
	61340	00149-44-0	*HYDROXYMETHANESULPHINIC ACID, SODIUM SALT	8	Bx	M37	1736*			Same 70160	+	+
	61360	00131-57-7	2-HYDROXY-4-METHOXYBENZOPHENONE	2	A5	Rx		Group TDI: 0.1 mg/kg b.w. See references for 2,4-dihydroxybenzophenone.	SML(T20) = 6 mg/kg		+	+
	61390	37353-59-6	HYDROXYMETHYLCELLULOSE	2	A4	M46	672/	Group TDI: not specified based on Group ADI (=not specified) for certain modified celluloses. (JECFA 35 M., 1989).			+	+
	61415	00123-42-2	*4-HYDROXY-4-METHYL-2-PENTANONE	8	Bx	M46	672/					+
	61440	02440-22-4	2-(2-HYDROXY-5-METHYLPHENYL)BENZOTRIAZOLE	2	A5	Rx		Group TDI: 0.5 mg/kg b.w. for 2-(2'-hydroxy-3'-tert.butyl-5'-methyl phenyl)-5-chlorobenzotriazole, 2-(2'-hydroxy-3,5'-di-tert.butylphenyl)-5-chloro-benzotriazole and 2-(2'-hydroxy-5'methylphenyl)benzotriazole.	SML(T10)= 30 mg/kg with other benzotriazole derivatives		+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								Several 90-day oral rat and dog studies and a 2-year oral rat study and 3-4 month oral dosing of man. (HRC report CBG 161/78164).				
	61480	-	*HYDROXYMETHYL-1-PHOSPHA-2,6,7-TRIOXYBICYCLO(2.2.2)OCTANE-3-(3,5-DI-tert-BUTYL-4-HYDROXYPHENYL) PROPIONATE	D	D						+	
	61520	04710-34-3	*2-HYDROXYOCTADECANESULPHONIC ACID, SODIUM SALT	8	Bx	Rx					+	+
	61600	01843-05-6	2-HYDROXY-4-n-OCTYLOXYBENZOPHENONE	2	A5	Rx		Group TDI: 0.1 mg/kg b.w. See references for 2,4-dihydroxybenzophenone in list 2.	SML(T20) = 6 mg/kg		+	+
	61680	09004-64-2	HYDROXYPROPYLCELLULOSE	2	A4	M41/Rx		Group TDI: not specified based on Group ADI (=not specified) for certain modified celluloses. (JECFA 35 M., 1989).			+	+
+	61760	09004-65-3	HYDROXYPROPYLMETHYLCELLULOSE	D	D	M41/Rx		Group TDI: not specified based on Group ADI (=not specified) for certain modified celluloses. (JECFA 35 M., 1989).		Same as 66700	+	+
	61800	09049-76-7	HYDROXYPROPYL STARCH	1	A4	M49		ADI: not specified. (SCF, 13th Series 1982).		PVA	+	
	61840	00106-14-9	12-HYDROXYSTEARIC ACID	0	A4	Rx					+	+
	61880	78616-19-0	12-HYDROXYSTEARIC ACID, DIESTER WITH GLYCEROL	3	D	M52	1665//	Toxicologically acceptable.		S1(62000)/Covered by 62000	+	
	61920	-	*12-HYDROXYSTEARIC ACID-3-DIMETHYLAMINOPROPYL AMINE, COPOLYMER	W9	D	Rx				PE,PVC/New subst.	+	
	62000	-	12-HYDROXYSTEARIC ACID, ESTERS WITH GLYCEROL	D	D	Rx,M52	1665//	Toxicologically acceptable.		PVC/Same 56495	+	+
+	62040	00139-44-6	12-HYDROXYSTEARIC ACID, TRIESTER WITH GLYCEROL	D	D	M49,M52	1083//			Same as 58160		+
	62080	-	*12-HYDROXYSTEARIC ACID-3-DIMETHYLAMINOPROPYL AMINE-DIMETHYL SULPHATE, COPOLYMER	W9	D	M52/M37		In first instance provide information on identity.		PE,PVC/New subst.	+	
+	62110	07681-52-9	*HYPOCHLOROUS ACID, SODIUM SALT	6A	Bx	M54	1287,2093/	Positive in several mutagenicity studies.	SML = 0.05 mg/kg		+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							/	(RIVM doc. CS/PM/2093).				
	62140	06303-21-5	HYPOPHOSPHOROUS ACID	3	A4	M53	1287//	Easily oxidized to phosphoric acid.			+	
	62160	07681-53-0	HYPOPHOSPHOROUS ACID, SODIUM SALT	3	D	Rx		Easily oxidized to phosphorous acid.		PA/Covered by 62140	+	+
+	62175	10025-82-8	*INDIUM TRICHLORIDE	8	Bx	M54	1287,2038/ /				+	
	62190	08013-17-0	INVERT SUGAR	0	Ax	M52/M49	1083/					+
	62220	10045-89-3	IRON(II) DIAMMONIUM BISULPHATE	3	Ax	M50	1083//	Iron maximum provisional tolerable daily intake 0.8 mg/kg bw. (27th M, JECFA, 1983).				+
	62240	01332-37-2	IRON OXIDE	2	A4	Rx		ADI: not specified. (SCF, 1st Series 1975).			+	+
	62255	00075-28-5	ISOBUTANE	3	Ax	M46	672/1027	Volatile.				+
	62270	00078-83-1	*ISOBUTANOL	8	Bx	M50	1083//	Residue less than 1 mg/kg in food. No mutagenicity or oral data. (Directive 88/344/EEC)		Same 18970		+
	62295		ISOBUTENE-2-METHYL-1,3-BUTADIENE, COPOLYMER	D	D						+	
	62305	23436-19-3	*1-ISOBUTOXY-2-PROPANOL	8	Bx	M46	672/					+
	62315		*ISOBUTYRIC ACID, DIESTER WITH 2-METHYL-2,4-PENTANEDIOL	8	Bx	M49	1083	Data exist (but confidential!). Provide data.				+
	62320		See "62435"	D	D						+	+
	62325		*ISOBUTYRIC ACID, MONOESTER WITH 2-METHYL-2,4-PENTANEDIOL	8	Bx	M49	1083	Data exist (but confidential!). Provide data.				+
+	62340		*ISODECANOIC ACID, CERIUM SALT	9	Bx	M54	1083,2090/ /	L9 for isodecanoic acid. L8 for cerium.				+
	62350		*ISODECANOIC ACID, COBALT SALT	9	Bx	M52	1083,1707/ / (Rivm)	L3 for Cobalt. R: 0.05 mg/kg of food (as Co). (RIVM, summary data, October 1992)(CS/PM/1707). L9 for isodecanoic acid.	SML(T14) = 0.05 mg/kg (as Co)			+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	62360		*ISODECANOIC ACID, LITHIUM SALT	9	Bx	M52/M49	1040,1083/ /	L9 for isodecanoic acid. L2 for the Lithium. Group TDI: 0.01 mg/kg b.w. See references for 38000 in L2 in this report.	SML(T) = 0.6 mg/kg (expressed as Li)	Cov.by 31120		+
	62370		*ISODECANOIC ACID, MANGANESE SALT	9	Bx	M52/M49	1083//	L9 for isodecanoic acid. L2 for the Mn. Group TDI: 0.01 mg/kg b.w. (as Mn). See references for 30180 in L2 in this report.	SML(T16) = 0.6 mg/kg (as Mn)	Cov.by 31120		+
	62380		*ISODECANOIC ACID, SALTS	9	Bx	M49	1083//			Cov.by 30620		+
+	62390		*ISODECANOIC ACID, ZIRCONIUM SALT	7-9	Bx	M54/M52	1083/2091/ /	L9 for isodecanoic acid. L7 for zirconium. See references for 54220.				+
	62400		See 62450	D	D						+	
	62405	31807-55-3	*ISODODECANE	9	Bx	M49	829,1287,1484*			S1(59840)	+	
	62420	25103-52-0	*ISOOCTANOIC ACID	8	Bx	M43	382,537,824,1400/			Same 19135/S1(30560)	+	
	62435	11087-88-0	*ISOOCTYL EPOXYSTEARATE	6A	Bx	M45/Rx			QM = 5 mg/kg in fp (expressed as epoxy)	PVC	+	+
	62450	00078-78-4	ISOPENTANE	3	A4	Rx		Volatile.		PS	+	
	62480	00067-63-0	ISOPROPANOL	D	D	M37				Same 23830/ See 2-propanol	+	
	62500	-	*1,1(ISOPROPYLIDENEBIS(p-PHENYLENEOXY))-BIS(3-(p-(2,3-EPOXYPROPOXY)-alpha,alpha-DIMETHYLBENZYL)PHENOXY))2-PROPANOL	6A	Bx	M45			QM = 5 mg/kg in fp (expressed as epoxy)	PVDC/Give formula	+	
	62520		*4,4'-ISOPROPYLIDENEBIS(2-tert-BUTYLPHENOL)	8	Bx	M49	1083		See "2,2-BIS(3-TERT-BUTYL-4-HYDROXYPHENYL)PROPANE			+
	62540	00080-05-7	4,4'-ISOPROPYLIDENEDIPHENOL	D	D					Same 13607,39680	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	62560	92908-32-2	*4,4'-ISOPROPYLIDENEDIPHENYLALKYL(C12-C15)PHOSPHITES	9	Bx	Rx				PVC	+	
	62620	?	*ISOSTEARIC ACID	8	Bx	M51	1334/		PVC (0.5%).	S2(30540)		+
	62640	08001-39-6	JAPAN WAX	3	A4	Rx		Refined, natural wax. Purity to be specified.		SCF:Spec(P)	+	+
	62720	01332-58-7	KAOLIN	1	A4	M35		ADI: not specified. (SCF, 25th Series, 1990).			+	+
	62800	-	KAOLIN, CALCINED	3	A4	M35		Inert material.			+	
	62830	09000-36-6	KARAYA GUM	1	Ax	M51/M49	1083/	ADI: 12.5 mg/kg bw. (SCF, 21st Series, 1989).				+
	62830/1	09000-36-6	KARAYA GUM	D	D	M51/M49	1083/			Same 62830.		+
	62860	08008-20-6	*KEROSENE	9	Bx	M49	1083/					+
	62880	61790-53-2	KIESELGUHR	D	D					Same 46375/	+	+
+	62885	68855-54-9	*KIESELGUHR, SODA ASH FLUX CALCINED	D	D					Same 46380	+	
	62960	00050-21-5	LACTIC ACID	1	A4	Rx		ADI: not specified. (SCF, 25th Series, 1990).			+	+
	63040	00138-22-7	LACTIC ACID, BUTYL ESTER	2	A4	Rx		Group TDI= not specified. Similarity with lactic acid, ethyl ester for which an ADI not specified was established by JECFA 26 M., 1982.			+	
	63120	07100-07-4	LACTIC ACID, IRON SALT	D	D					MF,PF,UF/Cov.by 62960	+	
+	63200	51877-53-3	LACTIC ACID, MANGANESE SALT	1-2	A5	M53/M52 /M37		L1 for lactic acid. ADI: not specified. (SCF, 25th Series, 1991). L2 for Manganese. Group TDI: 0.01 mg/kg bw (as Mn) See references for acetic acid, manganese(II) salt (PM/REF.N. 30180) in list 2.	SML(T)= 0.6 mg/kg (expressed as Mn)	A	+	
	63240	08006-54-0	LANOLIN (Pharmacopeia grade)	0	Ax	M49	1083/			Cov.by 54400		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	63260	91079-06-0	*LARD OIL, SULPHATED, AMMONIUM SALT	9	Bx	M51	1665			S1(54640)	+	
	63280	00143-07-7	LAURIC ACID	0	D	M40,Rx	352/			Cov. by 31328	+	
	63360	00624-04-4	*LAURIC ACID, DIESTER WITH ETHYLENEGLYCOL	7	Bx	Rx		Needed: hydrolysis data.			+	
	63400	25234-60-0	*LAURIC ACID, ESTER WITH CHOLINE CHLORIDE	7	Bx	M53	1456/1653, 1710//2094	Available: 28 and 90-day oral rat studies on coconut fatty acid esters of choline chloride the largest component of which is lauric acid ester of choline chloride (CS/PM/1710). Needed: 3-mutagenicity studies and bioaccumulation.		S1(43520)	+	+
	63440	04219-48-1	*LAURIC ACID, MONOESTER WITH ETHYLENEGLYCOL	7	Bx	Rx		Needed: hydrolysis data.			+	
+	63480	01338-39-2	LAURIC ACID, MONOESTER WITH SORBITAN	D	D	M53				Same as 87600	+	
	63520	01793-68-6	*LAURIC ACID, MONOESTER WITH TRIETHANOLAMINE	7	Bx	Rx		Needed: hydrolysis data.		PO,PS	+	+
+	63560	00120-40-1	*LAURIC DIETHANOLAMIDE	D	D	M54	2109//	Same as 39280.		Same 39280	+	
	63600	00097-78-9	*N-LAUROYLSARCOSINE	8	Bx	Rx	130				+	
	63680	01344-40-7	*LEAD PHOSPHITE, DIBASIC	D	D					38/Only for water pipes	+	
	63760	08002-43-5	LECITHIN	1	A4	Rx		ADI: not specified. (JECFA 17 M., 1973).			+	+
	63800	08029-76-3	*LECITHIN, HYDROXYLATED	9	Bx	M49	1083					+
	63840	00123-76-2	LEVULINIC ACID	0	A4	Rx					+	
	63880		*LIGHT PETROLEUM HYDROCARBONS, ODORLESS	9	Bx	M53	1083//	Specifications on identity.				+
	63920	00557-59-5	LIGNOCERIC ACID	0	D	Rx				Cov. by 31328	+	+
	63940		*LIGNOSULPHONIC ACID	9	Bx	M49	1083					+
	63970	05989-27-5	*d-LIMONENE	8	Bx	M49	672					+
	63974	05989-54-8	*l-LIMONENE	8	Bx	M49	672					+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	64000	03999-01-7	*LINOLEAMIDE	8	Bx	Rx					+	+
	64015	00060-33-3	LINOLEIC ACID	0	D	M48	949			S1(30620)/Same 19518/Cov. by 31328	+	
+	64030	07492-60-6	*LINOLEIC ACID, CERIUM SALT	8	Bx	M54	1083/2090/ /	LO for linoleic acid. L8 for cerium.				+
	64060	14666-96-7	LINOLEIC ACID, COBALT SALT	3	Ax	M52	1083,1707/ /	L3 for Cobalt. R: 0.05 mg/kg of food (as Co). (RIVM, summary data, October 1992)(CS/PM/1707). LO for linoleic acid.	SML(T14) = 0.05 mg/kg (as Co)			+
	64080	-	*LINOLEIC ACID, ESTERS WITH ALCOHOLS, ALIPH., MONOH.	9	Bx	Rx					+	
	64100	74488-09-8	LINOLEIC ACID, LITHIUM SALT	2	Ax	M52/M49	1040,1083/ /	LO for linoleic acid. L2 for the Lithium. Group TDI: 0.01 mg/kg b.w. (as Li). See references for 38000 in L2 in this report.	SML(T) = 0.6 mg/kg (expressed as Li)	Cov.by 31120		+
	64115	06904-78-5	LINOLEIC ACID, MANGANESE SALT	2	Ax	M52/M49	1083//	LO for linoleic acid. L2 for the Mn. Group TDI: 0.01 mg/kg b.w. (as Mn). See references for 30180 in L2 in this report.	SML(T16) = 0.6 mg/kg (as Mn)	Cov.by 31120		+
	64130		LINOLEIC ACID, SALTS	0	AxD	M49	1083			Cov by 64015/Same 19518		+
+	64145		*LINOLEIC ACID, ZIRCONIUM SALT	7	Bx	M54/M52	1083/2091/ /	LO for linoleic acid. L7 for zirconium. See references for 54220.				+
	64150	28290-79-1	LINOLENIC ACID	0	D	M48	949			S1(30620)/Same 19526/Cov. by 31328	+	
	64160	08001-26-1	LINSEED OIL	3	D	M52/Rx		Food fat.		Same 19532/Cov.	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
										by 54450		
	64240	08016-11-3	*LINSEED OIL, EPOXIDIZED (OXIRANE LESS THAN 10%,IODINE NUMBER LESS THAN 6)	7-P	Bx	M53/M45 /R1	1856+//2292 (M,T)(RIVM)	Available: inadequate 20 week oral rat study, Ames test said to be negative (no report supplied)(CS/PM/1517). Needed: data according to SCF guidelines. (N.B. Epoxidised linseed oil cannot be covered by data on epoxidised soya bean oil).		PVC,PVCC,PVDC/See 88640	+	+
	64270	07447-41-8	LITHIUM CHLORIDE	2	Ax	M46	672/1040	Group TDI: 0.01 mg/kg b.w. (as Li). See references for 38000 in list 2.	SML(T)= 0.6 mg/kg (expressed as Li)			+
	64300	01310-65-2	LITHIUM HYDROXIDE	2	Ax	M46	672/1040	Group TDI: 0.01 mg/kg b.w. (as Li). See references for 38000 in list 2.	SML(T)= 0.6 mg/kg (expressed as Li)			+
	64320	10377-51-2	LITHIUM IODIDE	2	A5	M36/M37	1040	L2 for I. Group-TDI based on PMTDI: 0.017 mg/kg b.w. (as I). (JECFA 33 M., 1988). L2 for Li. Group TDI: 0.01 mg/kg bw (as Li). 90-day oral rat studies and metabolism and human use of lithium salts in therapy. (RIVM tox 105/76 July 1976, tox 204/78, November 1978, tox 126/79 October 1979). For Li see references for benzoic acid, lithium salt in list 2.	SML(T)= 1.0 mg/kg (as I) and SML(T)= 0.6 mg/kg (as Li)	PA	+	
	64350	12057-24-8	LITHIUM OXIDE	2	Ax	M49	1040,1083/	Group TDI: 0.01 mg/kg b.w. (as Li). See references for 38000 in L2 in this report.	SML(T) = 0.6 Mg/kg (expressed as Li)	PET,PS		+
	64380		*LITHIUM POLYSILICATE	9	Bx	M52/M49	1040,1083/ /	L9 for polysilicate. L2 for the Li. Group TDI: 0.01 mg/kg.b.w. (as Li). See references for 38000 in L2 in this report.	SML(T) = 0.6 mg/kg (expressed as Li)			+
	64400	01345-05-7	LITHOPONE	3	Ax	Rx		Free from water soluble barium. Insoluble, inert material.	Free from water soluble Barium	Spec(P)/Free from water soluble barium/Colorant	+	+
+	64480	11097-59-9	MAGNESIUM ALUMINIUM HYDROXIDE CARBONATE	D	D	M47	918/1033	Inert, insoluble material.		Same 34690	+	+
	64500	-	LYSINE, SALTS	0	A4	M49				PUR/Cov.by 34880	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	64560	07786-30-3	MAGNESIUM CHLORIDE	1/D	D	M37		ADI: not specified. (SCF, Rx).			+	
	64640	01309-42-8	MAGNESIUM HYDROXIDE	1	A4	Rx		ADI: not specified. (SCF, Rx).			+	+
	64720	01309-48-4	MAGNESIUM OXIDE	1	A4	Rx		ADI: not specified. (SCF, Rx).			+	+
	64800	00110-16-7	MALEIC ACID	2	A5	Rx		Group TDI: 0.5 mg/kg b.w. as maleic acid. (SCF, 17th Series, 1986).	SML(T8)= 30 mg/kg	Same 19540	+	+
	64840	10039-33-5	MALEIC ACID, DI-n-OCTYLTIN BIS (2-ETHYLHEXYL) ESTER	D	2/D	M53		Same references as 50240.		Same 50240	+	
	64860	-	*MALEIC ACID, ESTERS WITH PENTAERYTHRITOL	9	Bx	M49				PVC	+	+
	64880	-	*MALEIC ACID, MONOHEXADECYL ESTER, POTASSIUM SALT	7	Bx	Rx		Needed: hydrolysis data.		PC	+	+
	64900	00108-31-6	MALEIC ANHYDRIDE	D	D					PET,PP/M	+	+
	64920		*MALEIC ANHYDRIDE-BUTENE AND/OR ETHYLENE AND/OR PROPYLENE, COPOLYMERS	9	Bx		462,463				+	
	64940		*MALEIC ANHYDRIDE-ETHYLENE OR STYRENE OR METHYL VINYL ETHER, COPOLYMER	9	Bx	M44					+	
	64955	25119-65-7	*MALEIC ANHYDRIDE-METHYL METHACRYLATE, COPOLYMER	9	Bx	M49					+	
	64960		See 65020	D	D						+	
	64970		*MALEIC ANHYDRIDE-METHYL VINYL ETHER, COPOLYMER	9	Bx	M44	462,463/1323			PVC,PVCC	+	+
	64972	28133-65-5	*MALEIC ANHYDRIDE METHYL VINYL ETHER, COPOLYMER, SODIUM SALT (MW>70000)	7	Bx	M53	1323//	Provide hydrolysis data for methyl vinyl ether (PM/REF. 22270).			+	
	64985	25722-45-6	*MALEIC ANHYDRIDE-PROPYLENE, COPOLYMER	9	Bx	M49					+	
	65000	-	*MALEIC ANHYDRIDE-VINYL ESTERS, COPOLYMERS	9	Bx	M44				PVC	+	+
	65010		*MALEIC ANHYDRIDE-VINYL ETHERS,	9	Bx	M49						+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
			COPOLYMERS									
	65020	06915-15-7	MALIC ACID	1	A4	Rx		ADI: not specified. (SCF, 25th Series, 1990).		MF,PAN,PF,PVAC, UF	+	
	65040	00141-82-2	MALONIC ACID	3	A4	M44/Rx		Occurs in plants.		Same 19968	+	
	65120	07773-01-5	MANGANESE (II) CHLORIDE	2	A5	M42/M41 /M37		Group TDI: 0.01 (as Mn) (Environmental Health Criteria 17, WHO 1981).	SML(T)= 0.6 mg/kg (as Mn)	PA	+	
	65200	12626-88-9	MANGANESE HYDROXIDE	2	A5	M37		Group TDI: 0.01 mg/kg b.w. (as Mn). See references for acetic acid, manganese(II) salt in list 2.	SML(T)= 0.6 mg/kg (as Mn)	PVC,PVCC	+	
	65280	10043-84-2	MANGANESE(II)HYPOPHOSPHITE	2-3	A5	M53/M37		Group TDI: 0.01 mg/kg b.w. (as Mn). See references for acetic acid, manganese(II) salt in list 2. L3 for hypophosphite. Hypophosphite easily oxidised tp phosphoric acid.	SML(T)= 0.6 mg/kg (as Mn)	PA	+	
	65360	11129-60-5	MANGANESE OXIDE	2	A5	M37		Group TDI: 0.01 mg/kg b.w. (as Mn) in list 2. See references for acetic acid, manganese(II) salt.	SML(T)= 0.6 mg/kg (as Mn)	PTFE, PET	+	+
	65440	-	MANGANESE (II) PYROPHOSPHITE	2-3	A5	M52/M37		L2 for Mn. Group TDI: 0.01 mg/kg b.w. (as Mn). See references for acetic acid, manganese(II) salt in list 2. L3 for pyrophosphite. Easily oxidized to pyrophosphoric acid.	SML(T)= 0.6 mg/kg (as Mn)	PA	+	
	65520	00087-78-5	MANNITOL	1	A4	Rx		ADI: acceptable. (SCF, 16th Series, 1985).			+	+
	65630	00108-78-1	MELAMINE	D	D			See "2,4,6-triamino-1,3,5-triazine".	See "2,4,6-triamino-1,3,5-triazine"		+	
+	65770	02492-26-4	*2-MERCAPTOBENZOTHIAZOLE, SODIUM SALT	6A	Bx	M56	1083/1653, 1762,2184, 2241//2365	Available: 2 subacute studies in mice, 1 subacute study in rats, semichronic and chronic studies in rats and mice, 2 teratogenicity studies in rats, mutagenicity tests in vitro and in vivo, DNA binding study. Needed: in vitro mouse lymphoma study in which	SML = 0.05 mg/kg			+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								endpoints related to both gene mutation and chromosome aberration are measured, a study of unscheduled DNA synthesis in rat liver in vivo.				
+	65800	?	*METHACRYLAMIDOPROPYLTRIMETHYLAMMONIUM CHLORIDE, POLYMER (Mw= 10000-100000)	P			2307(I)(Bohme)			New subst.	+	+
+	65805	_	*METHACRYLAMIDOPROPYLTRIMETHYLAMMONIUM CHLORIDE-TRIMETHYLETHANOLAMMONIUM CHLORIDE METHACRYLATE, COPOLYMER (Mw=10000-100000)	P			2315 (I) (Bohme)			New subst.	+	+
	65840		See 65770	D	D							+
	65845		*METHACRYLIC ACID, ESTERS WITH ALCOHOLS, ALIPHATIC, MONOHYDRIC	9	Bx	M49	1083			Similar to 20620-20650		+
	65880		*METHACRYLIC ACID, MONOESTER WITH 1,3-BUTANEDIOL	8	Bx	M49	1083/			Same 21160		+
	65900	01804-87-1	*METHACRYLIC ACID, 2-SULPHOETHYL ESTER, SODIUM SALT	8	Bx	M49	1083					+
+	65910	02530-85-0	*[3-(METHACRYLOXY)PROPYL] TRIMETHOXYSILANE	8	Bx	M53	1287//				+	
+	65920	66822-60-4	[N-METHACRYLOYLOXYETHYL-N,N-DIMETHYLAMMONIUM-alpha-N- METHYLCARBOXYLATE]CHLORIDE SODIUM SALT -OCTADECYL METHACRYLATE-ETHYL METHACRYLATE-CYCLOHEXYL METHACRYLATE-N-VINYL-2- PYRROLIDONE, COPOLYMERS	2	A5	M45/Rx	82//	TDI: 1 mg/kg b.w. 90-day oral rat study. Mutagenicity data not needed for this polymer. (RIVM doc. Tox 300/482 March 1984).	? (Spec(I) could be added after a decision on mixture	PP	+	
	65960	00067-56-1	METHANOL	3	Ax	M49	1083	See references for same substance in monomer report.		A/Same 21550		+
	66000	-	*3'-METHOXY-4'-HYDROXYPHENYL-2-INDOLE	8	Bx	Rx				PVC	+	
	66030	00150-76-5	*4-METHOXYPHENOL	8	Bx	M49	1083/			Same 21615		+
	66050	00107-98-2	*1-METHOXY-2-PROPANOL	8	Bx	M46	672/					+
	66080	00613-93-4	*N-METHYLBENZAMIDE	8	Bx	Rx					+	
	66120	10605-21-7	METHYL BENZIMIDAZOLECARBAMATE	2	Ax	M49	1083/	TDI: 0.01 mg/kg b.w. Based on ADI= 0.01 mg/kg bw on carbendazim.	SML = 0.6 mg/kg			+

PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							(JMPR 5-14 Decembezr 1983)				
66160	16515-58-5	*7-(5'-METHYL-6'-n-BUTOXY-BENZOTRIAZOLE(2))-3-PHENYLCOUMARIN	8	Bx	Rx					+	
66200	37206-01-2	METHYLCARBOXYMETHYLCELLULOSE	2	A4	M49	1083/	Group TDI: not specified based on Group ADI (= not specified) for certain modified celluloses. (JECFA 35 M., 1989).			+	+
66240	09004-67-5	METHYLCELLULOSE	2	A4	M41/Rx		Group TDI: not specified based on Group ADI (=not specified) for certain modified celluloses. (JECFA 35 M., 1989).			+	+
66270	00096-37-7	*METHYLCYCLOPENTANE	8	Bx	M49	829			S1(45680)	+	
66320	00118-82-1	*4,4'-METHYLENEBIS(2,6-DI-tert-BUTYLPHENOL)	8	Bx	Rx					+	+
66360	85209-91-2	2',2'-METHYLENE BIS(4,6-DI-tert-BUTYLPHENYL) SODIUM PHOSPHATE	3	A5	M49	984,1042/1540/	R: 5 mg/kg in food. Available: 3-month oral rat study, mutagenicity tests negative, migration data. (RIVM doc. 15 Oct. 1991).	SML = 5 mg/kg		+	
+ 66400	00088-24-4	2,2'-METHYLENEBIS(4-ETHYL-6-tert-BUTYLPHENOL)	2	A5	M55/Rx		Group TDI: 0.025 mg/kg b.w.(with 66480). Available for 66480: two 90-day oral rat studies, 4-month oral dog study and mutagenicity studies. (RIVM Doc/Tox 300/418 April 1983 and CS/PM/171).	SML(T)= 1.5 mg/kg with 66480		+	+
+ 66480	00119-47-1	2,2'-METHYLENEBIS(4-METHYL-6-tert-BUTYLPHENOL)	2	A5	M55/M31	171/2183//	Group TDI: 0,025 mg/kg b.w. (with 66400). Available: two 90-day oral rat studies, 4-month oral dog study, mutagenicity studies. (RIVM doc./Tox 300/418 April 1983 and CS/PM/171).	SML(T)= 1.5 mg/kg with 66400		+	+
+ 66560	04066-02-8	2,2'-METHYLENEBIS(4-METHYL-6-CYCLOHEXYLPHENOL)	2	A5	M56/R1	87,173,1083/2204//	TDI: 0.05 mg/kg b.w. (with 66580). Available for 66580 short-term oral rat and dog study, 90-day oral dog study and 2-year oral rat and dog study. (RIVM doc. CS/PM/2205).	SML(T30)= 3 mg/kg (with 66580)	PO,PS/Same 39045	+	+
+ 66580	00077-62-3	2,2'-METHYLENEBIS(4-METHYL-6-(1-METHYL-CYCLOHEXYL) PHENOL)	2	A5	M56/Rx	74,84,1083/2204,2205//	Group TDI: 0.05 mg/kg b.w. (with 66560). Available: short-term oral rat and dog study, 90-day oral dog study and 2-year oral rat and dog study (RIVM doc. CS/PM/2205).	SML(T30) = 3 mg/kg (with 66560)	Same 39600	+	+
[illegible]66	26545-58-4	*METHYLENEBIS(NAPHTHALENESULPHONIC ACID), DISODIUM SALT	8	Bx	M49				PS	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
+	66620	00075-09-2	METHYLENE CHLORIDE	3	A5	M54	391,1287/1 468//	R: 0.05 mg/kg of foods. (SCF, 29th Series, 1992).	SML = 0.05 mg/kg	PC	+	+
	66640	09004-59-5	METHYLETHYLCELLULOSE	2	A4	M41/Rx		Group TDI: not specified based on Group ADI (=not specified) for certain modified celluloses. (JECFA, 35 M., 1989).		PS	+	+
+	66655	00078-93-3	METHYL ETHYL KETONE	3	A5	M54	2098//	R: 5 mg/kg of food. Available: 3 and 6 month inhalation studies in rats, teratogenicity studies by inhalation in mice and rats, mutagenicity tests. (RIVM doc. CS/PM/2098),(SCF, 29th Series, 1992).	SML = 5 mg/kg	Same 21827	+	+
	66675	?	*METHYLHEPTADECANOIC ACID	D	D				See "62620"	Same 62620	+	+
	66680	00095-71-6	*METHYLHYDROQUINONE	8	Bx	M44				UP/Same 21850	+	
	66695	-	METHYLHYDROXYMETHYLCELLULOSE	2	A4	M49	1083/	Group TDI: not specified based on group ADI (= not specified) for certain modified celluloses. (JECFA 35 M., 1989).			+	+
	66700	09004-65-3	METHYLHYDROXYPROPYLCELLULOSE	2	A4	M49	1083/	Group TDI: not specified based on group ADI (= not specified) for certain modified celluloses. (JECFA 35M., 1989).			+	+
	66715	00693-98-1	*2-METHYLIMIDAZOLE	8	Bx	M46	672/					+
	66720		See 66755	D	D		85			Same 66755	+	+
+	66725	00108-10-1	METHYL ISOBUTYL KETONE	3	A5	M54	2096//	R: 5 mg/kg of food. Available: 3 month oral rat study and 3 month inhalation studies mice, rats, dogs and monkeys, teratogenicity studies by inhalation in mice and rats , mutagenicity tests. (WHO Env. Health Crit. n. 117 (1990) Geneva).	SML = 5 mg/kg		+	+
	66740	00814-78-8	*METHYL ISOPROPENYL KETONE (=2-METHYL-2-PENTEN-4-ONE)	8	Bx	M44				PS/Same 21910	+	
	66745	-	*METHYL ISOPROPENYL KETONE-STYRENE, COPOLYMER	9	Bx	M49				PS	+	
	66755	02682-20-4	2-METHYL-4-ISOTHIAZOLIN-3-ONE	4	A5	Rx	85	See references for 43760 in list 4.	SML= ND (DL= 0.01 mg/kg)		+	+
	66770		*METHYL METHACRYLATE-3-[2-(METHACRYLOXY)ETHYL]-2	9	Bx	M49	1083					+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
			,2-SPIROCYCLOHEXYLOXAZOLIDINE, COPOLYMER									
	66785	00109-02-4	N-METHYLMORPHOLINE	5	D	Rx						+
	66800	00139-99-1	*METHYL OLEATE, SULPHATED	D	D			L8		A/L8	+	
	66820	00923-02-4	*N-METHYLOLMETHACRYLAMIDE	6A	Bx	M48/M46 /R17	672/		SML(T25) = 0.05 mg/kg (expressed as acrylamide)	Same 21970		+
	66840	00107-83-5	*2-METHYLPENTANE	8	Bx	M49	829			S1(33440)	+	
	66860	00108-11-2	*4-METHYL-2-PENTANOL	8	Bx	M46	672/					+
	66880		See "66950"	D	D						+	
	66890		*METHYLPHENYLPOLYSILOXANES	9	Bx	M49	1083					+
	66905	00872-50-4	*N-METHYLPYRROLIDONE	8	Bx	M49	672,1050/	(RIVM doc. 21.03.1989).				+
+	66940	-. -	*alpha-METHYLSTYRENE-N-OCTADECYLMALEIMIDE-N-(2,2,6,6-TETRAMETHYL-4-PIPERIDYL)MALEIMIDE, COPOLYMER	W-P	D		2115 (mM)(RIVM-TNO)			New subst.	+	
	66950	-	*alpha-METHYLSTYRENE-STYRENE, COPOLYMER, HYDROGENATED	9	Bx		1212*//			Pol	+	
	66960	68441-38-3	*alpha-METHYLSTYRENE-VINYLTOLUENE, COPOLYMER, HYDROGENATED	7-P	Bx	M45/M44 /Rx	1903+,2188 (m,Mw)(TNO)	Available: 90-day oral rat and dog studies. Needed: molecular weight and its distribution and migration. Data lacking for the monomers.			+	
	67040	14295-72-8	*1(4-METHYLSULPHONYLPHENYL)-3-(4-CHLOROPHENYL)-DELTA-2-PYRAZOLINE	8	Bx	Rx				PA,PS	+	+
	67120	12001-26-2	MICA	3	A4	Rx		Inert silicate.			+	+
	67160	-	MIXT.OF:60% ALKYL(C11-C14)-BIS(HYDROXYETHYL)SULPHONIUM GLYCOLSULPHATE 17.9% ALKYL(C11-C14)-BIS(HYDROXYETHYL)SULPHONIUM SULPHATE 2,6% ALKYL (C11-C14)BIS(HYDROXYETHYL)SULPHONIUM BISULPHATE 19.5 % ALKYL ETC.	D	D					See single items/See the full name in "EXPLANAT"	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
+	67165	-	*MIXT.OF:a)40-100% REACT.PRODUCT OF 2-MERCAPTOETHYL OLEATE WITH DIMETHYLTIN DICHLORIDE,METHYLTIN TRICHLORIDE AND SODIUM SULPHIDE b)0-40% 2-MERCAPTOETHYL OLEATE c)0-5% 2-MERCAPTOETHANOL d)0-40% PARAFFIN ETC.	P			2173(F)(RIVM)			New subst.	+	
	67200	01317-33-5	MOLYBDENUM DISULPHIDE	3	A4	Rx		Inert, insoluble material.		PA,PTFE	+	+
	67280	00108-90-7	MONOCHLOROBENZENE	2	A5	M40,Rx	345,412/	TDI: 0.6 mg/kg b.w. 90-day oral rat study, 2 year oral mouse and rat studies, Ames list negative, in vitro mutagenicity test positive. (Appendix to RIVM report 758701004 March 1990).	SML= 36 mg/kg		+	+
	67300		*MONO- AND DIALKYL(C8-C18)AMINE, ACETIC AND HYDROCHLORIC SALTS	9	Bx	M49	1083					+
	67315		*MONO- AND DIALKYL(C8-C18)AMINE-BUTYLENE OXIDE COPOLYMER	9	Bx	M49	1083					+
	67325		*MONO- AND DIALKYL(C8-C18)AMINE-ETHYLENE OXIDE COPOLYMER	9	Bx	M49	1083/					+
	67330		*MONO- AND DIALKYL(C8-C18)AMINE-PROPYLENE OXIDE COPOLYMER	9	Bx	M49	1083/					+
	67345	85251-77-0	*MONO- AND DIGLYCERIDES OF FATTY ACIDS(C16-C18)	9	Bx	M46/M52	672//					+
	67355	-	*MONO-, DI- AND TRIALKYL(C4-C18)PHENYL ETHERS OF POLY(ETHYLENE-AND/OR PROPYLENE- AND/OR BUTYLENEGLYCOL)ACETIC ACID	9	Bx	M49	462,463//			PO,PS	+	
	67360	67649-65-4	MONO-n-DODECYLTIN TRIS(ISOOCTYL MERCAPTOACETATE)	2	A5	M55/M53 /M40	2167+//	t-TDI: 0.4 mg/kg b.w. pending results of in-vivo test for unscheduled DNA synthesis. Available: 10- and 90-day oral rat studies, mutagenicity tests negative except human lymphocytes. (RIVM report 02-04-1990).	SML= 24 mg/kg	PVC	+	+
	67420	00141-43-5	*MONOETHANOLAMINE	8	Bx	M43	553/			PO,PVC	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	67440	-	*MONOETHANOLAMINE ALKYL SULPHATE	9	Bx	Rx	351,1665				+	
	67442	90583-16-7	*MONOETHANOLAMINE ALKYL(C12-C14)SULPHATE	9	Bx	M51	1665			S1(67440)	+	
+	67460	04722-98-9	*MONOETHANOLAMINE DODECYL SULPHATE	D	D	M49	1083//			Same as 52480		+
+	67520	54849-38-6	MONOMETHYLTIN TRIS(ISOOCTYL MERCAPTOACETATE)	2	A5	M55/M53 /M49/M3 8	1778+,2007 //	Group TDI of 0.003 mg/kg b.w. (as Sn) (with dimethyltin bis(iso octyl mercaptoacetate). See references for 49600 in list 2.	SML(T)= 0.18 mg/kg (expressed as Sn)	PVC,PVCC	+	+
	67600	-	MONO-n-OCTYLTIN TRIS(ALKYL(C10-C16) MERCAPTOACETATE)	2	A5	M38/M37	230,238,27 0/	Group t-TDI: 0.02 mg/kg b.w. (as Sn) with 67680 and 67760. See references for mono-n-octyltin tris(isooctyl mercaptoacetate).	SML(T12)= 1.2 mg/kg (as Sn) for all mono-n-octyltin derivatives	PVC,PVCC	+	+
	67680	27107-89-7	MONO-n-OCTYLTIN TRIS(2-ETHYLHEXYL MERCAPTOACETATE)	2	A5	M38/M37	242,292//	Group t-TDI: 0.02 mg/kg b.w. (as Sn)(with 67760 and 67600). See references for 67760 in list 2.	SML(T12)= 1.2 mg/kg (as Sn) for all mono-n-octyltin derivatives	PVC	+	
	67760	26401-86-5	MONO-n-OCTYLTIN TRIS(ISOOCTYL MERCAPTOACETATE)	2	A5	M41/M38 /M37	32,249,408 /	Group t-TDI: 0.02 mg/kg bw (as Sn). Needed: mutagenicity studies for chromosome aberration in human lymphocytes, reproduction and teratogenicity studies and migration data on the non-tin part of the molecules. Several oral short term and semichronic studies in rats and dogs, oral chronic study in rats with mixture of mono- and di-octyltin chloride. Several mutagenicity studies in vitro and in vivo. (RIVM doc. May 1989).	SML(T12)= 1.2 mg/kg (as Sn) for all mono-n-octyltin derivatives	PVC,PVCC	+	+
	67840	-	MONTANIC ACIDS AND/OR THEIR ESTERS WITH ETHYLENEGLYCOL AND/OR WITH 1,3-BUTANEDIOL AND/OR WITH GLYCEROL	3	A4	M40/Rx	32,239,242 ,244,274,3 51D,404/	3-4 month oral dog, 3 month rat and 2-year rat studies plus negative Ames tests. (RIVM report 05-03-1990).		A/3 products examined under this item.	+	+
	67850	08002-53-7	MONTAN WAX	3	A4	Rx		Inert compound, specifications needed.		SCF:Spec(P)	+	+
	67860	90431-92-8	*MONTMORILLONITE, ACID, ACTIVATED	9	Bx	M46	672/					+
	67870	00110-91-8	MORPHOLINE	5	D	Rx				A	+	
	67878	-	MORPHOLINE, ITS SALTS OF ACIDS, ALIPH., MONOCARB., SAT., MORE THAN C7	5	D	Rx					+	
	67882	-	MORPHOLINE, ITS SALTS OF ACIDS, ALIPH., MONOCARB., UNSAT., MORE THAN C7	5	D	Rx				A	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	67887		*MUSTARDSEED OIL, SULPHATED AMMONIUM, POTASSIUM, OR SODIUM SALT	9	Bx	M49	1083			Cov.by 54640		+
	67891	00544-63-8	MYRISTIC ACID	1	D	M51/M48	949,1664//	ADI: NS (SCF, 25th Series, 1989).		S1(30620)/Same 22350/Cov. by 31328	+	
	67895	25263-97-2	*MYRISTIC ACID, ISOBUTYL ESTER	7	Bx	M53	949//	Needed: hydrolysis data.		S1(31200)	+	
	67898	00544-64-9	*MYRISTOLEIC ACID	8	Bx	M51	1664			S1(30620)/Same 22355	+	
	67900	08030-30-6	*NAPHTHA	9	Bx	M51	1083/					+
	67910	00085-47-2	*1-NAPHTHALENESULPHONIC ACID	8	Bx	M49	829			S1(35920)	+	+
	67912	00120-18-3	*2-NAPHTHALENESULPHONIC ACID	8	Bx	M49	829			S1(35920)	+	
+	67924		*NAPHTHENIC ACIDS, CERIUM SALTS	9	Bx	M54/M52	1083/2090/ /	L9 for naphthenic acids. L8 for cerium.				+
	67930	61789-51-3	*NAPHTHENIC ACIDS, COBALT SALTS	9	Bx	M52	1083,1707/ /	L3 for Cobalt. R: 0.05 mg/kg of food (as Co). (RIVM, summary data, October 1992)(CS/PM/1707). L9 for napthenic acids.	SML(T14): 0.05 mg/kg (as Co)	UP		+
	67942	61788-56-5	*NAPHTHENIC ACIDS, LITHIUM SALTS	9	Bx	M52/M49	1040,1083/ /	L9 for naphthenic acid. L2 for the Li. Group TDI: 0.01 mg/kg b.w. (as Li). See references for 38000 in L2 in this report.	SML(T) = 0.6 mg/kg (expressed as Li)			+
	67946	01336-93-2	*NAPHTHENIC ACIDS, MANGANESE SALT	9	Bx	M52/M49	1083//	L9 for naphthenic acids. L2 for the Mn. Group TDI: 0.01 mg/kg b.w. See references for 30180 in L2 in this report.	SML(T16) = 0.6 mg/kg (as Mn)	UP		+
	67950		*NAPHTHENIC ACIDS, SALTS	9	Bx	M49	1083					+
+	67966	72854-21-8	*NAPHTHENIC ACIDS, ZIRCONIUM SALT	9	Bx	M54/M52	1083/2091/ /	L9 for naphthenic acids. L7 for zirconium. See references for 54220.		UP		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	68000	-	*NAPHTHENIC MINERAL OIL	9	Bx	M39/Rx	1779+			Present in 71120	+	
	68001	-	NAPHTHENIC MINERAL OIL (HYDROGENATED)	2	A5	M52/M39 /M37	195,213,21 9,239,256, 331//	Group t-TDI: 0.05 mg/kg b.w. See references for 59935 in list 2. Purity criteria to be established.	SML(T)=3 mg/kg for all hydrogenated products (see introduction of the annex)/Spec(P)		+	
	68002	-	NAPHTHENIC MINERAL OIL (CONVENTIONAL)	2	A5	M52/M39 /M37	195,213,21 9,239,256, 331//	Group t-TDI: 0.005 mg/kg b.w. See references for 59950 in list 2. Purity criteria to be established.	SML(T)=0.3 mg/kg for all conventional products (see introduction of the annex)/Spec(P		+	
	68020	00135-19-3	*2-NAPHTHOL	8	Bx	M49	1083					+
	68040	03333-62-8	7-(2H-NAPHTHO-(1.2-d)TRIAZOL-2-YL)-3-PHE NYLCOUMARIN	2	A4	Rx		TDI: 1 mg/kg b.w. 90-day oral rat and dog studies, two mutagenicity tests. (RIVM 300/234 Tox/75, July 1981).			+	+
+	68060		*NEODECANOIC ACID, CERIUM SALT	8	Bx	M54/M52	1083/2090/ /	L8 for neodecanoic acid. L8 for cerium.				+
+	68070	52270-44-7	NEODECANOIC ACID, COBALT(II)SALT	3	A5	M56/M52 /M40	1848+//216 6//	R: 0.05 mg/kg of food for neodecanoic acid. Not for fatty foods. Available: 3 negative mutagenicity tests and migration data for non-fatty foods for neodecanoic acid (CS/PM/1707).	SML = 0.05 mg/kg	PET	+	+
	68078	27253-31-2	*NEODECANOIC ACID, COBALT SALT	8	Bx	M52	1849+//	L3 for Cobalt. R: 0.05 mg/kg of food (as Co). (RIVM, summary data, October 1992)(CS/PM/1707) L8 for neodecanoic acid.	SML(T14) = 0.05 mg/kg (as Co)	Similar to 68070		+
	68080		See "68040"	D	D		89				+	+
	68090	27253-30-1	*NEODECANOIC ACID, LITHIUM SALT	8	Bx	M52/M49	1040,1083/ /	L8 for neodecanoic acid. L2 for the Lithium. Group TDI: 0.01 mg/kg b.w. (as Li). See references for 38000 in L2 in this report.	SML(T) = 0.6 mg/kg (expressed as Li)	Cov.by 31120		+
	68100	27253-32-3	*NEODECANOIC ACID, MANGANESE SALT	8	Bx	M52/M49	1083//	L8 for neodecanoic acid.	SML(T16) = 0.6 mg/kg (as Mn)	Cov.by 31120		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								L2 for the Mn. Group TDI: 0.01 mg/kg b.w. (as Mn). See references for 30180 in L2 in this report.				
	68110		*NEODECANOIC ACID, SALTS	8	Bx	M49	1083			Cov.by 30560		+
+	68115	39049-04-2	*NEODECANOIC ACID, ZIRCONIUM SALT	8	Bx	M54/M52	1083,2091 (Rivm).	L8 for neodecanoic acid. L7 for zirconium. See references for 54220.				+
	68125	68187-64-4	NEPHELINE SYENITE	3	A4	Rx		Inert material.		PVDC	+	
	68140	07697-37-2	NITRIC ACID	2	Ax	M51	1482*/	TDI: 3 mg/kg bw based on ADI= 5 mg/kg bw on sodium nitrate. (SCF, XXth Series,in press).				+
	68150	00112-05-0	*NONANOIC ACID	8	Bx	M51	1664			S1(30620)/Same 22465	+	
	68175	25154-52-3	*NONYLPHENOL	9	Bx	M46	672/					+
	68180		See "68125"	D	D						+	
	68185	00104-40-5	*4-NONYLPHENOL	8	Bx	M49	1083/			Same 22540		+
	68195	00500-38-9	*NORDIHYDROGUAIARETIC ACID	8	Bx	M49	1083					+
	68210	32536-52-0	OCTABROMODIPHENYL ETHER	5	D	Rx				A	+	
	68225	00112-92-5	1-OCTADECANOL	3	D	M44		See references for same substance in monomer report.		PS/Same 22555/Cov. by 33120	+	+
	68240	00124-30-1	*OCTADECYLAMINE	8	Bx	Rx				PA	+	
	68320	02082-79-3	OCTADECYL 3-(3,5-DI-tert-BUTYL-4-HYDROXYPHENYL) PROPIONATE	2	A5	M53/M49	1780+,2033 //	TDI: 0.1 mg/kg b.w. Several oral rat studies (3-weeks to 3-months), 2-year oral studies in mice and rats, two-generation and teratogenicity studies, mutagenicity tests. (RIVM doc. 31-03-92).	SML = 6 mg/kg		+	+
+	68400	10094-45-8	*OCTADECYLERUCAMIDE	7	Bx	M56	1857+,2003 ,2189//	Available: Ames test and migration data. Needed: gene mutation and chromosome aberration in mammalian cells in vitro, 90-day oral study and bioaccumulation.		PA	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	68480	16545-53-2	*OCTADECYL (4-HYDROXY-3,5-DIMETHYLBENZYL)MERCAPTOACETATE	8	Bx	Rx					+	+
	68560	00124-07-2	n-OCTANOIC ACID	D	D					Same 41960	+	
+	68640	07435-02-1	*n-OCTANOIC ACID, CERIUM SALT	8	Bx	M54	2090//	LO for n-octanoic acid. LB for cerium.		PTFE	+	+
+	68650	06700-85-2	n-OCTANOIC ACID, COBALT SALT	3	Ax	M54/M52	1083,1707/ /(Rivm)	L3 for Cobalt. R = 0.05 mg/kg of food (as Co) (RIVM, summary data, October 1992)(CS/PM/1707). LO for n-octanoic acid.	SML(T14) = 0.05 mg/kg (as Co)	UP		+
	68680	16577-52-9	n-OCTANOIC ACID, LITHIUM SALT	0-2	Ax	M53/M52 /M49	1040,1083/ /	L2 for the Lithium. Group TDI : 0.01 mg/kg b.w. (as Li). See references for 38000 in L2 in this report. LO for n-octanoic acid.	SML(T) = 0.6 mg/kg (expressed as Li)	Cov.by 31120		+
+	68690	06535-19-9	n-OCTANOIC ACID, MANGANESE SALT	2	Ax	M53/M52 /M49	1083//	L2 for the Mn. Group TDI: 0.01 mg/kg b.w. (as Mn). See references for 30180 in L2 in this report. LO for n-octanoic acid.	SML(T16) = 0.6 mg/kg (as Mn)	UP/Cov.by 31120		+
	68700		*OCTANOIC ACID, SALTS	D	D		1083			Cov.by 41960		+
	68720		See "68775"	D	D						+	+
+	68730	18312-04-4	*OCTANOIC ACID, ZIRCONIUM SALT	9	Bx	M54	1083/2091/ /	L9 for octanoic acid. L7 for zirconium. See references for 54220.		UP		+
	68750	00111-87-5	1-OCTANOL	3	D	M49	1083/	See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C24)" (PM/REF.N 33120) in SCF list 3.		Same 22600/Cov. by 33120		+
	68775	05333-42-6	*2-OCTYLDODECANOL	8	Bx	M37				PVC	+	+
	68800	00106-84-3	*OCTYL EPOXYSTEARATE	6A	Bx	M45/Rx	1287		QM = 5 mg/kg in fp (expressed as epoxy)	PVC	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	68840	00111-88-6	*n-OCTYLMERCAPTAN	8	Bx	M49				PS	+	
	68880	00992-55-2	*2-n-OCTYLTHIO-4,6-BIS(4-HYDROXY-3,5-DI-tert-BUTYLPHENOXY)-1,3,5-TRIAZINE	8	Bx	Rx					+	+
	68920		OILS, FROM FOOD SOURCES, HYDROGENATED OR NOT (with the exception of those specified elsewhere in the list)	3	Ax	M52/M51 /M49	1083//					+
	68960	00301-02-0	*OLEAMIDE	7	Bx	M53/M47 /M44/M4 2/R29	1781+//210 1	Available: Ames test negative and migration data. (Rivm doc. 1990-09-12). Hydrolysis<95% (doc.CS/PM/1023). Needed: 90-day oral rat study, gene mutation and chromosome aberration in mammalian cells, bioaccumulation to be performed with erucamide, oleamide or stearamide or demonstrate full hydrolysis by method suggested by applicant (CS/PM/1550).			+	+
	69040	00112-80-1	OLEIC ACID	1	D	Rx		ADI: not specified. (SCF, 25th Series, 1990).		Cov. by 31328	+	+
	69120	00142-77-8	*OLEIC ACID, BUTYL ESTER	7	Bx	Rx	138	Needed: hydrolysis data.			+	
+	69140	07492-61-7	*OLEIC ACID, CERIUM SALT	8	Bx	M54/M52	1083,2090/ /	L1 (=not specified) for oleic acid. L8 for cerium.				+
	69160	14666-94-5	OLEIC ACID, COBALT SALT	1-3	Ax	M52	1083,1707/ /	L3 for Cobalt. R: 0.05 mg/kg of food (as Co). (RIVM, summary data, October 1992)(CS/PM/1707). L1 for oleic acid. See references for oleic acid.	SML(T14) = 0.05 mg/kg (as Co)			+
	69200	-	*OLEIC ACID, ESTERS WITH ALCOHOLS ALIPH., MONOH.	7	Bx	Rx		Needed: hydrolysis data.			+	
	69280	00111-62-6	*OLEIC ACID, ETHYL ESTER	7	Bx	Rx		Needed: hydrolysis data.			+	
	69360	42254-63-7	*OLEIC ACID, HEPTYL ESTER	7	Bx	Rx		Needed: hydrolysis data.			+	
	69440	22393-86-8	*OLEIC ACID, HEXADECYL ESTER	7	Bx	Rx		Needed: hydrolysis data.			+	
	69455	07384-22-7	OLEIC ACID, LITHIUM SALT	1-2	Ax	M52/M49	1040,1083/ /	L1 (= not specified) for oleic acid.	SML(T) = 0.6 mg/kg (expressed as Li)	Cov.by 31120		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								L2 for the Lithium. Group TDI: 0.01 mg/kg b.w. (as Li). See references for 38000 in L2 in this report.				
	69465	19153-79-8	OLEIC ACID, MANGANESE SALT	1-2	Ax	M52/M49	1083//	L1 (=not specified) for oleic acid. L2 for the Mn. Group TDI: 0.01 mg/kg b.w. (as Mn). See references for 30180 in L2 in this report.	SML(T16) = 0.6 mg/kg (as Mn)	Cov.by 31120		+
	69480	00112-62-9	*OLEIC ACID, METHYL ESTER	7	Bx	M49	1083/	Needed : hydrolysis data.				+
	69500	00111-58-0	*OLEIC ACID, MONOETHANOLAMIDE	D	D					Same 61040	+	
	69520	32953-65-4	*OLEIC ACID, OCTYL ESTER	7	Bx	Rx		Needed: hydrolysis data.			+	
	69560	03687-45-4	*OLEIC ACID, OLEYL ESTER	7	Bx	M53	1665//	Needed: hydrolysis data.		S1(30640)	+	
	69600	00142-57-4	*OLEIC ACID, PENTYL ESTER	7	Bx	Rx		Needed: hydrolysis data.			+	
	69620		*OLEIC ACID ,SULPHATED, AMMONIUM, POTASSIUM OR SODIUM SALT	9	Bx	M49	1083					+
+	69650		*OLEIC ACID, ZIRCONIUM SALT	7	Bx	M54/M52	1083/2091/ /	L1 (=not specified) for oleic acid. L7 for zirconium. See references for 54220.				+
	69680	00110-25-8	*N-OLEOYLSARCOSINE	8	Bx	Rx	130				+	
	69760	00143-28-2	OLEYL ALCOHOL	3	A4	Rx		Precursor of oleic acid.			+	
	69840	16260-09-6	OLEYLPALMITAMIDE	3	A5	M49/	1159,1391* ,1538//200 3	Restriction = 5 mg/kg of food. Available: 3-month oral rat study, mutagenicity studies negative, migration data. (RIVM doc. 17.03.92).	SML = 5 mg/kg	PO	+	
	69848		*ORGANOPOLYSILOXANES	9	Bx		462,463				+	
	69855		*ORGANOPOLYSILOXANES CONTAINING ONE OR TWO METHYL GROUPS ON EACH SILICON ATOM (SILICONES)	9	Bx	M49	1083					+
	69870		*ORGANOPOLYSILOXANES - POLYALKYLENEGLYCOL MONOALKYL ETHERS, CONDENSATION PRODUCTS	9	Bx	M49	1083					+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	69885		*ORGANOPOLYSILOXANES WITH METHYL AND/OR PHENYL GROUPS (SILICONE OIL)	9	Bx	M49	1083					+
	69900	00122-51-0	*ORTHOFORMIC ACID, TRIETHYL ESTER	D	D				See "triethoxymethane"		+	
	69920	00144-62-7	OXALIC ACID	2	A5	Rx		TDI: 0.1 mg/kg b.w. 2-year oral rat study, observations in man. (J. Am. Pharm. Ass. 1947, 36, 217-219, Patty).	SML= 6 mg/kg		+	
	70000	70331-94-1	2,2'-OXAMIDOBIS(ETHYL-3-(3,5-DI-tert-BUTYL-4-HYDROXYPHENYL)PROPIONATE)	2	A4	Rx	80	TDI: 10 mg/kg b.w. 90-day oral rat and dog studies, 2-generation rat study, 2 mutagenicity tests. (RIVM 85/627915/128 November, 1985).		PO,PS	+	+
	70040	00106-84-3	OXIRANEOCTANOIC ACID, 3-OCTYL, OCTYL ESTER	D	D					Same 68800	+	
	70080	00080-51-3	*4,4'-OXYBIS(BENZENE SULPHONYL HYDRAZIDE)	6A	Bx	M48/M44 /M39/Rx	1858+/	Waiting for an answer to the letter from EEC (CS/PM/374) to the interested industry using RIVM conclusions in CS/PM/366.	SML = 0.05 mg/kg (expressed as hydrazide)		+	
	70160	00149-44-0	*OXYMETHANESULPHINIC ACID, SODIUM SALT	D	D	M37	1736*			Same hydroxymethanesulphinic acid, sodium salt	+	
	70240	12198-93-5	OZOKERITE	3	A4	Rx		Mineral wax. Purity to be specified.		SCF:Spec(P)	+	
	70320	00629-54-9	*PALMITAMIDE	8	Bx	Rx					+	+
	70400	00057-10-3	PALMITIC ACID	1	D	Rx		ADI: not specified. (SCF, 25th Series, 1990).		Same 22780/Cov. by 31328	+	+
	70480	00111-06-8	*PALMITIC ACID, BUTYL ESTER	7	Bx	Rx	1742*	Needed: hydrolysis data.			+	
+	70500	07492-62-8	*PALMITIC ACID, CERIUM SALT	8	Bx	M54/M52	1083//2090 //	L1(=not specified) for palmitic acid. L8 for cerium.				+
	70530	23272-52-8	PALMITIC ACID, COBALT SALT	1-3	Ax	M52	1083,1707/ /	L3 for Cobalt. R: 0.05 mg/kg of food (as Co). (RIVM, summary data, October 1992)(CS/PM/1707). L1 for palmitic acid. See references for palmitic acid.	SML(T14) = 0.05 mg/kg (as Co)			+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	70560	00628-97-7	*PALMITIC ACID, ETHYL ESTER	7	Bx	Rx		Needed: hydrolysis data.			+	
	70640	26718-83-2	*PALMITIC ACID, HEPTYL ESTER	7	Bx	Rx		Needed: hydrolysis data.			+	
	70720	00540-10-3	*PALMITIC ACID, HEXADECYL ESTER	7	Bx	Rx	334	Needed: hydrolysis data.			+	
	70760	20259-32-9	PALMITIC ACID, IRON (III) SALT	D	D						+	
	70780	00110-34-9	*PALMITIC ACID, ISOBUTYL ESTER	7	Bx	M49	949	Needed: hydrolysis data.		S1(31200)	+	
	70800	59231-33-3	*PALMITIC ACID, ISODECYL ESTER	W8	D	Rx				PVC/New subst.	+	
	70820	20466-33-5	PALMITIC ACID, LITHIUM SALT	1-2	Ax	M52/M49	1040,1083/ /	L1 (= not specified) for palmitic acid. L2 for the Lithium. Group TDI : 0.01 mg/kg b.w. (as Li). See references for 38000 in L2.	SML(T) = 0.6 mg/kg (expressed as Li)	Cov.by 31120		+
	70840	31678-63-4	PALMITIC ACID, MANGANESE SALT	1-2	Ax	M52/M49	1083//	L1 (=not specified) for palmitic acid. L2 for the Mn. Group TDI: 0.01 mg/kg b.w. (as Mn). See references for 30180 in L2 in this report.	SML(T16) = 0.6 mg/kg (as Mn)	Cov.by 31120		+
	70860	00112-39-0	*PALMITIC ACID, METHYL ESTER	7	Bx	M49	1083	Needed: hydrolysis data.				+
	70870	02598-99-4	*PALMITIC ACID, OCTADECYL ESTER	7	Bx	M49	949	Needed: hydrolysis data.		S1(31200)	+	
	70880	16958-85-3	*PALMITIC ACID, OCTYL ESTER	7	Bx	Rx		Needed: hydrolysis data.			+	
	70960	31148-31-9	*PALMITIC ACID, PENTYL ESTER	7	Bx	Rx		Needed: hydrolysis data.			+	
+	71000		*PALMITIC ACID, ZIRCONIUM SALT	7	Bx	M54/M52	1083,2091/ /	L1 for palmitic acid. See references for the same substance in list 1. L7 for zirconium See references for 54220.				+
	71020	00373-49-9	PALMITOLEIC ACID	0	D	M50/M43	949,1664//			S1(30620)/Cov. by 31328	+	
	71040	17281-74-2	*PALMITOYLBENZOYLMETHANE	8	Bx	Rx				PVC	+	+
	71070/0	08002-75-3	PALM OIL ("Food grade quality")	D	D	M52/M49	1083//					+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	71070/1	08002-75-3	PALM OIL	3	Ax	M52/M49	1083//	Food fat.		Cov.by 54400		+
	71100	63449-39-8	PARAFFINS, CHLORINATED	5	D					A	+	+
	71120	08012-95-1	*PARAFFIN OIL	9	Bx	M39/Rx	1782+			Contains 68000	+	+
	71121	-	PARAFFIN OIL (HYDROGENATED)	2	A5	M52/M39 /M37	195,213,219,239,256, 331//	Group t-TDI: 0.05 mg/kg b.w. See references for 59935 in list 2. Purity criteria to be established.	SML(T)= 3 mg/kg for all hydrogenated products (see introduction of the annex)/Spec(P)		+	
	71122	-	PARAFFIN OIL (CONVENTIONAL)	2	A5	M52/M39 /M37	195,213,219,239,256, 331//	Group t-TDI: 0.005 mg/kg b.w. See references for 59950 in list 2. Purity criteria to be established.	SML(T)=0.3 mg/kg for all convention.products (see introduction of the annex)/Spec(P)		+	
	71200	-	*PARAFFIN, SYNTHETIC	9	Bx	M39/Rx	1850+/				+	
	71201	-	PARAFFIN, SYNTHETIC (HYDROGENATED)	2	A5	M52/M39 /M37	195,213,219,239,256/ /	Group t-TDI: 0.05 mg/kg b.w. See references for 59935 in list 2. Purity criteria to be established.	SML(T)=3 mg/kg for all hydrogenated products (see introduction of the annex)/Spec(P)		+	
	71202	-	PARAFFIN, SYNTHETIC (CONVENTIONAL)	2	A5	M52/M39 /M37	195,213,219,239,256/ /	Group t-TDI: 0.005 mg/kg b.w. See references for 59950 in list 2. Purity criteria to be established.	SML(T)=0.3 mg/kg for all conventional products (see introduction of the annex)/Spec(P		+	
+	71280	08002-74-2 63231-60-7	*HYDROCARBON WAXES, PARAFFIN AND MICROCRYSTALLINE	9	Bx	M53	1783+//2069,2295			Name changed (CS/PM/2295 add 1)	+	+
+	71281	8002-74-2 and 63231-60-7	HYDROCARBON WAXES, PARAFFIN AND MICROCRYSTALLINE (HYDROGENATED)	2	A5	M52/M39 /M37	1784+//2295	Group t-TDI: 0.05 mg/kg b.w. See references for 59935 in list 2. Purity criteria to be established.	SML(T)=3 mg/kg for all hydrogenated products (see introduction of the annex)/Spec(P)	Name changed (see CS/PM/2295 add 1)	+	
+	71282	-	HYDROCARBON WAXES, PARAFFIN AND MICROCRYSTALLINE (CONVENTIONAL)	2	A5	M52/M39 /M37	1785+,2295	Group t-TDI: 0.005 mg/kg b.w. See references for 59950 in list 2. Purity criteria to be established.	SML(T)=0.3 mg/kg for all conventional products (see introduction of the annex)/Spec(P	Name changed (CS/PM/2295 add.1)	+	
	71283	63231-60-7	PARAFFIN WAX AND HYDROCARBON WAXES, MICROCRYSTALLINE	D	D					Same 71280	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	71360	08002-03-7	PEANUT OIL	3	D	M52/Rx		Food fat.		Cov. by 54450	+	
	71380		*PEANUT OIL, SULPHATED, AMMONIUM, POTASSIUM, OR SODIUM SALT	9	Bx	M49	1083			Cov.by 54640		+
	71440	09000-69-5	PECTIN	1	A4	Rx		ADI: not specified. (SCF, 7th Series, 1978).			+	+
	71470	32534-81-9	PENTABROMODIPHENYL ETHER	5	D	Rx					+	
	71500	00087-86-5	PENTACHLOROPHENOL	5/D	D	M53	1083/1653, 1682,1762/ /	EC Directive (91/173/EEC). Its use is banned.				+
	71520	00117-97-5	*PENTACHLOROTHIOPHENOL, ZINC SALT	8	Bx	Rx				PVC	+	
	71600	00115-77-5	PENTAERYTHRITOL	2	A4	R17		Group TDI: 1 mg/kg b.w. (with dipentaerythritol). (SCF, 17th Series, 1986).		Same 22840	+	+
	71625	54381-53-2	*PENTAERYTHRITOL DIMYRISTATE	7	Bx	M49	829	Needed: hydrolysis data.		S1(30880)	+	
	71635	25151-96-6	*PENTAERYTHRITOL DIOLEATE	W7-P	D	M48/M46	1786+//2270 (M)(RIVM)	Available: one mutagenicity test. Migration less than 0.05 mg/kg in water, alcohol and acetic acid. Restriction: not to be used in contact with fatty food. Needed: gene mutation and chromosome aberration studies.		New subst/Cov.by 30880	+	
	71645	68818-38-2	*PENTAERYTHRITOL MONOMYRISTATE	7	Bx	M49	829	Needed : hydrolysis data.		S1(30880)	+	
	71660	10332-32-8	*PENTAERYTHRITOL MONOOLEATE	7	Bx	M49	829	Needed : hydrolysis data.		S1(30880)	+	
	71680	06683-19-8	PENTAERYTHRITOL TETRAKIS(3-(3,5-DI-tert-BUTYL-4-HYDROXYPHENYL)PROPIONATE)	2	A4	Rx	47,237,247 /	TDI: 3 mg/kg b.w. Oral studies for 3 months and 2 years in rats, 3 and 4 months in dogs, lifetime in mice, reproduction and teratogenicity in mice and rats and mutagenicity studies. (RIVM report 89/678608/013, 1989-06-13).			+	+
	71686	07575-23-7	*PENTAERYTHRITOL TETRAKIS(3-MERCAPTOPROPIONATE)	8	Bx	M37				PAN,PS	+	
	71695	00115-83-3	PENTAERYTHRITOL TETRASTEARATE	D	D					Cov.by 89520	+	
	71700	03030-47-5	*N,N,N',N',N''-PENTAMETHYLDIETHYLENETRIA	8	Bx	M46	672/					+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
			MINE									
	71710	00098-77-1	*PENTAMETHYLENEAMMONIUM-PENTAMETHYLENEDITHIOCARBAMATE	8	Bx	Rx				PUR,PVC	+	
	71720	00109-66-0	PENTANE	3	A4	Rx		Volatile.		PO,PS	+	
	71760		See "71686"	D	D						+	
	71840		See "71710"	D	D						+	
	71920		See "71720"	D	D						+	
	71950		*PERFLUOROALKENYLOXYBENZENESULPHONIC ACID	9	Bx	M49	1083					+
	71960	03825-26-1	*PERFLUOROOCTANOIC ACID, AMMONIUM SALT	8	Bx	M49	1287,1480*	Data exist (but confidential!). Provide data.		PTFE	+	
	71970	00335-67-1	*PERFLUOROOCTANOIC ACID, SODIUM SALT	8	Bx	M49	1621*	Data exist (but confidential!). Provide data.				+
	72000		See "72060"	D	D						+	+
	72001		See "72061"	D	D				D		+	
	72002		See "72062"	D	D						+	
	72046	07727-54-0	*PERSULPHURIC ACID, AMMONIUM SALT	8	Bx	M49	1083/			Cov.by 72050		+
	72048	07727-21-1	*PERSULPHURIC ACID, POTASSIUM SALT	8	Bx	M49	1083/			Cov.by 72050		+
	72060	08009-03-8	PETROLATUM	2/D	D	M53/M39 /R1	1787+,2043 //	Group t-TDI= 0.005 mg/kg bw (SCF, 26th Series, 1992). Purity criteria to be established.	SML(T) = 0.3 mg/kg for all conventional products (see introduction of the annex).	To be del. covered by 72062	+	+
+	72061		PETROLATUM (HYDROGENATED)	2	A5	M52/M39 /M37	195,213,219,239,256, 331//	Group t-TDI: 0.05 mg/kg b.w. See references for 59935 in list 2. Purity criteria to be established.	SML(T)=3 mg/kg for all hydrogenated products (see introduction of the annex)/Spec(P)		+	
	72062	08009-03-8	PETROLATUM (CONVENTIONAL)	2	A5	M52/M39 /M37	195,213,219,239,256, 331//	Group t-TDI: 0.005 mg/kg b.w. See references for 59950 in list 2. Purity criteria to be established.	SML(T)=0.3 mg/kg for all conventional products (see introduction of the annex)/Spec(P		+	
	72080	-	*PETROLEUM HYDROCARBON RESINS	9	Bx	M39/Rx	1788+,2069			PO	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							//					
+	72081	-	*PETROLEUM HYDROCARBON RESINS (HYDROGENATED)	9	Bx	M57/M52 /M39/M37	1789+//2069,2256//				+	
+	72082	-	*PETROLEUM HYDROCARBON RESINS (CONVENTIONAL)	9	Bx	M57/M52 /M39/M37	1790+//2069,2256//				+	
	72095		*PETROLEUM WAXES	9	Bx	M53	1083//					+
										9		
	72105		*PHENOLS AND/OR CRESOLS-STYRENE AND/OR alpha- METHYLSTYRENE AND/OR (C3-C12) OLEFINS, COPOLYMERS	9	Bx	M49					+	+
	72125	68512-30-1	*PHENOL, METHYLSTYRENATED	9	Bx	M46	672/					+
	72135	00092-84-2	*PHENOTHIAZINE	8	Bx	M46	672/					+
	72145	00670-96-2	*2-PHENYLIMIDAZOLE	8	Bx	M46	672/					+
	72160	00948-65-2	2-PHENYLINDOLE	2	A5	Rx	90	TDI: 0.25 mg/kg b.w. 1 and 2-year oral rat studies, migration data. (Arch. Toxicol. 1964, 20, 220-225).	SML= 15 mg/kg	PVC	+	+
	72240	00090-43-7	2-PHENYLPHENOL	D	D	M38	324/			DSP	+	+
	72320	00092-69-3	*4-PHENYLPHENOL	8	Bx	M37				DSP/Same 23140	+	
	72400	00132-27-4	2-PHENYLPHENOL, SODIUM SALT	D	D	M36		Deleted. Covered by 72240.		DSP/Cov.by 72240	+	+
	72480	03645-61-2	*4-PHENYLPHENOL, SODIUM SALT	D	D	M36		Deleted. Covered by 72320.		DSP/Cov.by 72320	+	
	72560	07144-65-2	*3-(2-PHENYL)PHENOXY-1,2-EPOXYPROPANE	6A	Bx	M45/Rx			QM = 5 mg/kg in fp (expressed as epoxy)	PVC,PVDC	+	+
	72600	00064-10-8	*PHENYLUREA	8	Bx	M46	672/					+
	72620		*PHOSPHONIC ACID, ESTERS	9	Bx	M53	1287,1762/ /				+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
										9		
	72640	07664-38-2	PHOSPHORIC ACID	1	A4	Rx		MTDI: 70 mg/kg b.w. (as P). (SCF, 25th Series, 1990).			+	+
+	72700	26444-49-5	*PHOSPHORIC ACID, CRESYL DIPHENYL ESTER	6B	Bx	M54/M46	672/956/2117//	Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, neurotoxicity studies too.	SML(Tpl) = 3 mg/kg			+
+	72720	02197-63-9	*PHOSPHORIC ACID, DI-n-HEXADECYL ESTERS	6B	Bx	M54/M46 /M34	956/1495,2117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies and neurotoxicity studies too.	SML(Tpl) = 3 mg/kg	A	+	
+	72760	03138-43-0	*PHOSPHORIC ACID, DI-n-NONYL ESTER	6B	Bx	M54/M46	956,2117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferations studies and neurotoxicity studies too.	SML(Tpl) = 3 mg/kg	PAM	+	+
+	72800	01241-94-7	*PHOSPHORIC ACID, DIPHENYL 2-ETHYLHEXYL ESTER	6B-P	Bx	M54/M46 /Rx	23,52,956, 1519,2060, 2117(90,R) (RIVM	Group R: 0.05 mg/kg b.w. Available: neurotoxicity, 2 teratogenicity and 3 mutagenicity studies. Inadequate 2-year oral rat study also. Needed: remaining toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too. A new technical dossier is available (CS/PM/2060) and has to be yet evaluated.	SML(Tpl) = 3 mg/kg	PVC,PVDC-To be re-evaluated	+	+
+	72840	00078-31-9	*PHOSPHORIC ACID, DIPHENYL-p-TOLYL ESTER	6B	Bx	M54/M46	672/956/2117//	Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, neurotoxicity studies too.	SML(Tpl) = 3 mg/kg			+
+	72880	97489-40-2	*PHOSPHORIC ACID, ETHANOLAMINE HEXYL BRANCHED AND LINEAR ESTER	9	Bx	M54/M46 /Rx	956,2117//	Group R: 0.05 mg/kg b.w.	SML(Tpl) = 3 mg/kg		+	
	72910	01241-94-7	PHOSPHORIC ACID, 2-ETHYLHEXYL DIPHENYL ESTER	D	D					Same 72800	+	
	72940	10402-24-1	PHOSPHORIC ACID, IRON SALT	D	D						+	
	72960	07446-27-7	*PHOSPHORIC ACID, LEAD (II) SALT	D	D					Only for water pipes	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
+	73040	13763-32-1	PHOSPHORIC ACID, LITHIUM SALTS	1-2	A5	M53/M52 /M37	1040//	L2 for lithium. Group TDI: 0.01 mg/kg b.w. (as Li). See references for benzoic acid, lithium salt. L1 for phosphoric acid. MTDI: 70 mg/kg bw (as P). (SCF, 25th Series, 1991).	SML(T)= 0.6 mg/kg (expressed as Li)	PUR	+	
	73120	10124-54-6	PHOSPHORIC ACID, MANGANESE SALT	1-2	A5	M52/M37		L2 for Manganese. Group TDI: 0.01 mg/kg b.w. (as Mn). See references for acetic acid, manganese(II) salt. L1 for Phosphoric acid. MTDI: 70 mg/kg bw. (as P) (SCF, 25th Series, 1991)	SML(T)= 0.6 mg/kg (as Mn)	PA,PUR	+	
+	73200	-	*PHOSPHORIC ACID, MONO- AND DIESTERS WITH ALCOHOLS, ALIPH. (C9-C18), DIETHANOLAMINE SALT	9	Bx	M54/M46 /Rx	139,956/2117//	Group R : 0.05 mg/kg b.w.	SML(Tpl) = 3 mg/kg	PTFE	+	
+	73280	-	*PHOSPHORIC ACID, MONO AND DIESTERS WITH ALCOHOLS, ALIPH. (C9-C18), SALTS	9	Bx	M54/M46 /R1	956/1287,1495/2117//	Group R: 0.05 mg/kg bw.	SML(Tpl) = 3 mg/kg	PAM,PTFE	+	
+	73300		*PHOSPHORIC ACID, MONO- AND DIESTERS WITH ALCOHOLS, ALIPHATIC, MONOHYDRIC, SATURATED (C2-C4)	9	Bx	M54/M49	1083,2117/ /	Group R: 0.05 mg/kg bw.	SML = 3 mg/kg			+
+	73320		*PHOSPHORIC ACID, MONO- AND DIESTERS WITH ALCOHOLS, MONOHYDRIC, SATURATED, PRIMARY, LINEAR (C12-C18), DIETHANOLAMINE SALT	9	Bx	M54/M49	1083,2117/ /	Group R: 0.05 mg/kg bw.	SML(Tpl) = 3 mg/kg	Cov.by 73200		+
+	73340		*PHOSPHORIC ACID, MONO- AND DIESTERS WITH ALCOHOLS, MONOHYDRIC, SATURATED, PRIMARY, LINEAR (C12-C18), SALTS	9	Bx	M54/M49	1083,2117/ /	Group R: 0.05 mg/kg bw.	SML(Tpl) = 3 mg/kg	Cov.by 73280		+
	73360	03539-43-3	*PHOSPHORIC ACID, MONO-n-HEXADECYL ESTER	W7	D	M34/M46	956,1495//	Needed: hydrolysis data.		A/	+	
	73440	03900-04-7	*PHOSPHORIC ACID, MONO-n-HEXYL ESTER	7	Bx	M46/Rx	956	Needed: hydrolysis data.			+	
+	73480	?	*PHOSPHORIC ACID, NONYL ESTER, SODIUM SALT	9	Bx	M54/M46	956/2117//	Group R: 0.05 mg/kg b.w.	SML(Tpl) = 3 mg/kg	ABS,PS/Cov.by 73280	+	
+	73520	39471-52-8	*PHOSPHORIC ACID, OCTADECYL ESTERS	W-P	D	M54/M46 /R1	1851+2117/ /(TNO,Jaso	Group R: 0.05 mg/kg bw.	SML(Tpl) = 3 mg/kg	A/New subst.	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							igne-HP)					
	73540		*PHOSPHORIC ACID, SALT OF LONG CHAIN CARBOXYLIC ACID POLYAMINOAMIDE	9	Bx	M46	672/					+
+	73570		*PHOSPHORIC ACID, TRIALKYL(C4-C16) ESTER	9	Bx	M54/M49	1083,1287/ 2117//	Group R: 0.05 mg/kg bw.	SML(Tpl) = 3 mg/kg			+
+	73600	00078-51-3	*PHOSPHORIC ACID, TRIBUTOXYETHYL ESTER	6B	Bx	M54/M46 /Rx	956/2117// (Rossi/Barlow)	Group R: 0.05 mg/kg b.w. Available: Ames test, 14-day and 18-week oral rat studies. Needed: remaining toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg neurotoxicity studies too.	SML(Tpl) = 3 mg/kg		+	
+	73680	00126-73-8	*PHOSPHORIC ACID, TRIBUTYL ESTER	6B	Bx	M54/M46 /Rx	956/2117//	Group R: 0.05 mg/kg b.w. Available: Ames test and several subchronic oral rat studies. Needed: remaining toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies and neurotoxicity studies too.	SML(Tpl) = 3 mg/kg		+	+
+	73720	00115-96-8	PHOSPHORIC ACID, TRICHLOROETHYL ESTER	4	A5	M54/M46	956//	Carcinogenic to rats. (NTP Tech. Rep. Ser. N. 391, May 1991).	SML = ND (DL = 0.01 mg/kg)	UP	+	
+	73760	-	*PHOSPHORIC ACID, TRIETHANOL ESTER	9	Bx	M54/M46 /M37	956/2117//	Group R: 0.05 mg/kg b.w.	SML(Tpl) = 3 mg/kg	PTFE/give formula	+	+
+	73840	00126-71-6	*PHOSPHORIC ACID, TRIISOBUTYL ESTER	6B	Bx	M54/M46 /Rx	956/2117//	Group R: 0.05 mg/kg bw. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg peroxisome proliferation studies and neurotoxicity studies too.	SML(Tpl) = 3 mg/kg		+	+
+	73920	00115-86-6	*PHOSPHORIC ACID, TRIPHENYL ESTER	6B	Bx	M54/M46 /Rx	956/1287,1462,2117//	Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, neurotoxicity studies too.	SML(Tpl) = 3 mg/kg	CA,PES,PET	+	
+	73960		*PHOSPHORIC ACID, TRIS(ALKOXYALKYL C3-C8) ESTER	9	Bx	M54/M49	1083,2117/ /	Group R: 0.05 mg/kg bw.	SML(Tpl) = 3 mg/kg			+
+	74000	00078-42-2	*PHOSPHORIC ACID, TRIS(2-ETHYLHEXYL) ESTER	6B	Bx	M54/M46 /Rx	956/2117//	Group R: 0.05 mg/kg b.w. Available: Ames test, 90-day and 2-year oral mouse and rat studies.	SML(Tpl) = 3 mg/kg		+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								Needed: remaining toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies and neurotoxicity studies too.				
+	74020	20227-53-6	*PHOSPHOROUS ACID, 2-tert-BUTYL-ALPHA-(3-tert-BUTYL-4-HYDROXYPHENYL) p-CUMENYL BIS(4-NONYLPHENYL) ESTER	6B	Bx	M54/M49	1083,2117/ /	Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, neurotoxicity studies too.	SML(Tpl) = 3 mg/kg			+
+	74040	04712-55-4	*PHOSPHOROUS ACID, DIPHENYL ESTER	6B	Bx	M54/M49	1083,2117/ /	Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, neurotoxicity studies too.	SML(Tpl) = 3 mg/kg			+
+	74060		*PHOSPHOROUS ACID, TRIALKYL(C8-C12) ESTER	9	Bx	M54/M49	1083,2117/ /	Group R: 0.05 mg/kg bw.	SML(Tpl) = 3 mg/kg			+
+	74080	25448-25-3	*PHOSPHOROUS ACID, TRIISODECYL ESTER	6B	Bx	M54/M46 /Rx	956/2117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies and neurotoxicity studies too.	SML(Tpl) = 3 mg/kg		+	
+	74160	13423-78-4	*PHOSPHOROUS ACID, TRIS-2-(CYCLOHEXYLPHENYL) ESTER	6B	Bx	M54/M46 /Rx	956,2117//	Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, neurotoxicity studies too.	SML(Tpl) = 3 mg/kg	PC	+	+
	74240	31570-04-4	PHOSPHOROUS ACID, TRIS(2,4-DI-tert-BUTYLPHENYL) ESTER	2	A4	Rx	47	TDI: 1 mg/kg b.w. 90-day and 2-year oral rat studies, 2-generation study in rats and mutagenicity studies. (HRC report CBG 167/76339, 18 Aug.1976, LSR 80/CIA 015/111, 21 Oct. 1980, Ciba-Geigy 82 0873 Feb. 1985).			+	+
+	74320	39865-35-5	*PHOSPHOROUS ACID, TRIS((3-ETHYL-3-OXETANYL)- METHYL) ESTER	6B	Bx	M54/M46 /Rx	956/2117//	Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, neurotoxicity studies too.	SML(Tpl) = 3 mg/kg	PC	+	+
	74400	26523-78-4 01333-21-7	PHOSPHOROUS ACID, TRIS(NONYL-AND/OR DINONYLPHENYL) ESTER	2	A5	M43/Rx	3,39,541,580/	TDI: 0.5 mg/kg b.w. 90-day oral rat and 2-year oral rat and dog studies, 3 generation oral rat reproduction study, 3 negative mutagenicity studies. (RIVM 08-1-1990).	SML= 30 mg/kg	Add 3 CAS N.= 08012-67-7	+	+
	74455	-	PHTHALATE MIXTURE OF THE ETHYL- OR BUTYLESTER OF GLYCOLIC ACID WITH ALIPH,	D	D					PUR,PVC,PVDC/Same as	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
			MONOH, ALCOHOLS (C1-C4)							76000,76080		
	74480	00088-99-3	o-PHTHALIC ACID	2	A4	45		Group TDI: 1 mg/kg b.w. Included in the group TDI for phthalic anhydride.		Same 23200	+	+
+	74560	00085-68-7	PHTHALIC ACID, BENZYL BUTYL ESTER	2	A5	M54/Rx	17,30,38,105,2117//2331	t-TDI: 0.1 mg/kg b.w. Available: 6-month oral rat study, carcinogenicity and peroxisome proliferation studies in vitro. (RIVM 1987, September). Needed: reproduction, teratogenicity and peroxisome proliferation studies.	SML= 6 mg/kg	PVC,PVDC	+	+
+	74600		*PHTHALIC ACID, BIS(ALKOXYALKYL C3-C18) ESTER	9	Bx	M54/M49	1083,2117//	Group R: 0.05 mg/kg bw.	SML(Tpl) = 3 mg/kg			+
+	74640	00117-81-7	PHTHALIC ACID, BIS(2-ETHYLHEXYL) ESTER	2-P	A5	M54/M42/R1	1791+,2066//2161,2332 (Elias)	TDI: 0.05 mg/kg b.w. Postponed to 55M the individual opinion on the substance.	SML= 3.0 mg/kg		+	+
	74720	00117-82-8	*PHTHALIC ACID, BIS(2-METHOXYETHYL) ESTER	6B	Bx	M53/M49/M46	956/1051//	R: 0.05 mg/kg of food (by analogy with 53860). Suspected of embriotoxicity/teratogenicity. Available: some studies, but inadequate.	SML = 0.05 mg/kg (as ethyleneglycol monoethyl ether)	CA,PVC	+	+
+	74760	27987-25-3	*PHTHALIC ACID, BIS(METHYLCYCLOHEXYL) ESTER	9	Bx	M54/M49	10,1083,2117//	Group R: 0.05 mg/kg bw.	SML(Tpl) = 3 mg/kg			+
+	74800	68515-42-4	*PHTHALIC ACID, DIALKYL (C7-C11) ESTERS	6B	Bx	M54/M49/M46	1792+,2117//	Group R: 0.05 mg/kg b.w. Needed: in first instance specifications on identity. Toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies on specified substances.	SML(Tpl) = 3 mg/kg	Similar to 23230/CAS was corrected.	+	+
	74880	00084-74-2	PHTHALIC ACID, DIBUTYL ESTER	2	A5	M42/M46/Rx	15,26,106,344,392/818,853/956,2327	t-TDI: 0.05 mg/kg b.w. Available: limited 90-day and 1-year oral rat studies, oral reproduction and teratogenicity studies, limited mutagenicity studies. (RIVM report, May 1988). Needed: 28-day oral study, peroxisome proliferation study, tests for gene mutation and chromosome aberration in mammalian cells in vitro.	SML= 3 mg/kg		+	+
	74960	00084-61-7	PHTHALIC ACID, DICYCLOHEXYL ESTER	2	A5	M46/Rx	16,20,24,109,956/2329	t-TDI: 0.1 mg/kg b.w. Available: three 90-day oral rat studies, limited in vitro mutagenicity studies (RIVM 1988). Needed: reproduction and teratogenicity studies,	SML= 6 mg/kg		+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								tests for gene mutation and chromosome aberrations in mammalian cells in vitro.				
+	75040	-	PHTHALIC ACID, DIESTERS WITH HEXADECANOL AND/OR OCTADECANOL	2	A5	M54/M47 /M46/Rx	215,360,529/,956,1038/2117//	Group t-TDI : 0.15 mg/kg bw (with 76120). Available: 3 months oral rat study, teratogenicity study and Ames test negative. (RIVM doc. 1990-09-11, CS/PM/529). Needed: reproduction study, peroxisome proliferation, gene mutation and chromosome aberration in mammalian cells in vitro.	SML= 9 mg/kg (with 76120)		+	
+	75120	00084-66-2	PHTHALIC ACID, DIETHYL ESTER	2	A5	M54/Rx	108,2117// 2328	t-TDI: 0.2 mg/kg b.w. Available: a 3-month oral rat study, in vitro mutagenicity studies, i.p. teratogenicity studies and peroxisome proliferation studies. (Fd. Cosm. Toxicol. 1978, 16, 415-422, RIVM 1986, June). Needed: reproduction and teratogenicity study.	SML= 12 mg/kg		+	+
+	75200	03648-21-3	*PHTHALIC ACID, DI-n-HEPTYL ESTER	6B	Bx	M54/M46 /Rx	956/2117//	Group R: 0.05 mg/kg b.w. Available: Ames test. Needed: remaining toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg		+	
+	75280	00084-69-5	*PHTHALIC ACID, DIISOBUTYL ESTER	6B	Bx	M54/Rx	1287,2117/ /	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg		+	+
+	75360	26761-40-0	PHTHALIC ACID, DIISODECYL ESTER	P	P	M54/M45 /Rx	1793+,2333 (Group)	The previous opinion here mentioned for memo is really referred to Phthalic acid, dialkyl(C9-C11) ester (CAS.N. 68648-92-0). t-TDI: 0.05 mg/kg bw. Available: 90-day oral rat and dog studies, mutagenicity studies. (RIVM report, 1 September 1987). Needed: specifications on identity, establishment of NOEL for peroxisome proliferation, reproduction and teratogenicity studies. To be re-examined.		To be re-examined	+	+
+	75440	28533-12-0	PHTHALIC ACID, DIISONONYL ESTER	P	P	M54/M43 /Rx	1794+,2330 (Group)	The previous opinion here mentioned for memo is really referred to Phthalic acid, dialkyl(C9-C11) ester (CAS.N. 68648-92-0).		To be re-examined	+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							t-TDI: 0.03 mg/kg b.w. Available: a 2-year oral rat study, teratogenicity, mutagenicity and peroxisome proliferation studies. (Exxon project n. 326075, January 13, 1986). Needed: specifications on identity, reproduction and teratogenicity studies. To be re-examined (cs/pm/568).				
+ 75520	27554-26-3	*PHTHALIC ACID, DIISOOCTYL ESTER	9	Bx	M54/M46 /Rx	1859+/2117 //	Group R: 0.05 mg/kg b.w.	SML(Tpl) = 3 mg/kg		+	+
+ 75600	00131-11-3	*PHTHALIC ACID, DIMETHYL ESTER	6B	Bx	M56/M54	1287,2044, 2117//2157 //	Group R: 0.05 mg/kg b.w. Available: limited oral rat chronic toxicity/carcinogenicity study, oral teratogenicity studies in rats and mice, Ames test. Needed: gene mutation and chromosome aberration in mammalian cells in vitro and migration data in the first instance.	SML(Tpl) = 3 mg/kg		+	
+ 75640	00084-77-5	*PHTHALIC ACID, DI-n-DECYL ESTER	6B	Bx	M54/M49	828,1083,2 044,2117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg			+
+ 75680	00084-76-4	*PHTHALIC ACID, DI-n-NONYL ESTER	6B	Bx	M54/M46 /Rx	956,1287,2 117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg		+	
+ 75760	14117-96-5	*PHTHALIC ACID, DI-n-OCTADECYL ESTER	6B	Bx	M54/M46 /Rx	956,2117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg		+	
+ 75840	00117-84-0	*PHTHALIC ACID, DI-n-OCTYL ESTER	6B	Bx	M56/M54	828,2044,2 117/2158//	Group R: 0.05 mg/kg b.w. Available: Ames test, peroxisome proliferation study, oral mouse reproduction study, inadequate oral rat 90-day study, inadequate oral rat chronic toxicity/carcinogenicity study. Needed: gene mutation and chromosome aberration study in mammalian cells in vitro and migration	SML(Tpl) = 3 mg/kg		+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								data in the first instance.				
+	75850	71662-46-9	*PHTHALIC ACID DI-n-OCTYL/n-DECYL ESTER	P			2214 (mM90) (RIVM-TNO)			New subst./Mixt	+	
+	75920	00119-06-2	*PHTHALIC ACID, DI-n-TRIDECYL ESTER	6B	Bx	M54/M46 /Rx	23,956,128 7,2117//	Group R: 0.05 mg/kg b.w. Available: Ames test. Needed: remaining toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg		+	
+	76000	-	*PHTHALIC ACID, MIXED ESTERS WITH BUTYL GLYCOLATE AND ALCOHOLS, ALIPH.,MONOH., (C1-C4)	9	Bx	M54/M46 /Rx	956/2117//	Group R: 0.05 mg/kg b.w.	SML(Tpl) = 3 mg/kg		+	
+	76005	00085-70-1	*PHTHALIC ACID, MIXED ESTERS WITH BUTYL GLYCOLATE AND BUTANOL	6B	Bx	M54/M46 /Rx	8,10,112,9 56,2117//	Group R: 0.05 mg/kg b.w. Available: 30-day and 1-year oral rat studies and mutagenicity studies all inadequate. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg		+	+
+	76080	-	*PHTHALIC ACID, MIXED ESTERS WITH ETHYL GLYCOLATE AND ALCOHOLS, ALIPH.,MONOH., (C1-C4)	9	Bx	M54/M46 /Rx	956/2117//	Group R: 0.05 mg/kg b.w.	SML(Tpl) = 3 mg/kg		+	
+	76085	00084-72-0	*PHTHALIC ACID, MIXED ESTERS WITH ETHYL GLYCOLATE AND ETHANOL	6B	Bx	M54/M46 /Rx	956,2117//	Group R: 0.05 mg/kg b.w. Available: 4-month and 2-year rat and 1-year dog studies all inadequate. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg		+	+
+	76120	68442-70-6	PHTHALIC ACID, n-HEXADECYL n-OCTADECYL ESTER	2	D	M54/M51 /M49	1083,2044, 2117//	Group t-TDI = 0.15 mg/kg bw (with 75040). Covered by Group t-TDI for 75040.	SML = 9 mg/kg (with 75040)	D because cov. by 75040		+
+	76160	01240-18-2	*o-PHTHALIC ACID, n-PENTYL BENZYL ESTER	6B	Bx	M54/M46 /Rx	956,2117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg	PVC,PVDC	+	
	76240	68389-55-9	*o-PHTHALIC ACID-2,2-TRIETHYLENEGLYCOL	9	Bx	Rx					+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
			BENZOATE, COPOLYMER									
	76320	00085-44-9	PHTHALIC ANHYDRIDE	2	A4	Rx		Group TDI: 1 mg/kg b.w. (SCF, 17th Series, 1986).		Same 23380	+	+
	76400	07681-93-8	PIMARICIN	D	D	M38	324/	Postponed. Waiting for an answer to the circular letter from EEC (CS/PM/324) asking informations on technological function of the substance. Date limit: 30.6.90.			+	+
	76430	08002-09-3	*PINE OIL	8	Bx	M52/M46	672//					+
	76445	09003-05-8	*POLYACRYLAMIDE	9	Bx	M49	1083					+
	76455	-	*POLYACRYLATES AND/OR POLYMETHACRYLATES, SALTS	9	Bx	M49				PO	+	
	76460	9003-01-4	*POLYACRYLIC ACID	9-P	Bx		1860+,2299,2302,2303 (IMw)(Bohme)			ABS,PA,PO,PS,PP,PPO,PVC,PVCC	+	+
	76480	-	*POLYAMIDES (MW>6000)	9	Bx	M53/Rx		In first instance, specify the nature of starting substances and provide the MW distribution curve.		POM	+	
	76490		*POLYAMIDES FROM DIMERIZED VEGETABLE OILS AND THE AMINE CATALYSTS LISTED IN FDA 21CFR 175.300(b)(3)(VIII)(b)	9	Bx	M49	1083					+
	76500		*POLYAMIDES MADE BY REACTING ACIDS, DICARBOXYLIC, LINEAR (C2-C4) WITH DIAMINES (C2-C4)	9	Bx	M49				PA/Cov.by 76480	+	
	76510		*POLYBUTADIENE	9	Bx		462,463			PS	+	
	76513		*POLYBUTADIENE, MALEIMIDISED	9	Bx	M52	1287//				+	
	76516		*POLYBUTADIENE, SILYLATED	9	Bx	M52	1287//				+	
	76520		*POLYBUTENE	9	Bx		462,463			PO	+	
	76530		*POLYBUTENE, HYDROGENATED	9	Bx	M49	1083					+
	76540		*POLYBUTYL ACRYLATE	9	Bx		462,463			PVCC	+	
	76550		*POLY(BUTYLENE-ETHYLENE-PROPYLENE)GLYCOL	9	Bx	M49	1083					+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	76560		See "76670"	D	D						+	
	76570	25190-06-1	*POLY(1,4-BUTYLENEGLYCOL)	9	Bx	M49	1083					+
	76580		*POLYBUTYLENEGLYCOL ALKYL(C4-C18) ETHER	9	Bx	M49	1083					+
	76590		*POLYBUTYLENEGLYCOL ALKYL(C8-C18) THIOETHER	9	Bx	M49	1083					+
	76600		*POLYBUTYLENEGLYCOL DERIVATIVES OF SORBITAN ESTERS OF ACIDS, LINEAR (C8-C22, EVEN)	9	Bx	M49	1083					+
	76610		*POLYBUTYLENEGLYCOL DERIVATIVES OF SORBITOL ESTERS OF ACIDS, LINEAR (C8-C22, EVEN)	9	Bx	M49	1083					+
	76620		*POLYBUTYLENEGLYCOL ESTER OF CASTOR OIL	9	Bx	M49	1083					+
	76630		*POLYBUTYLENEGLYCOL ETHERS OF MONO-, DI-, AND TRIALKYL(C4-C18) PHENOL	9	Bx	M49	1083					+
	76640		See "76690"	D	D						+	
	76646		*POLYBUTYLENEGLYCOL ETHERS OF MONO-, DI-, AND TRIALKYL(C4-C18) SULPHONATED PHENOL	9	Bx	M49	1083					+
	76660		*POLYCARBONATES	9	Bx		462,463			PET,PPO,PS,PVC, PVCC	+	
	76670	-	*POLYCYCLOPENTADIENE, HYDRATED	9-P	Bx	M49	1413*,2069 ,2256,2295 (Bohme)			PP/	+	
+	76680	68132-00-3	*POLYCYCLOPENTADIENE, HYDROGENATED	7	Bx	M57	...2293,22 95,2322//2 364(Feigen baum)	Available: migration data (in olive oil > 54 mg/dm), non fatty simulants very low, negative Ames and in vitro mouse lymphoma tests, negative in vivo mouse micronucleus test, rat and dog 90-day oral studies, 2 generation oral rat reproduction study, oral rat teratogenicity study, bioaccumulation (high log Po/w). RIVM, Dec. 93; CS/PM/ 2131 Rev.). Needed: chromosome aberration test in mammalian cells in vitro, all tables of data from the rat reproduction study, and in the first instance an		PO/add CS/PM/1217,2001 ,2131,2134	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								absorption, distribution, metabolism and excretion study using repeated dosing with special attention to bioaccumulation.				
	76690	-	*POLYDIENIC RESIN SYNTHETIC, (M.W. ABOUT 1000)	9	Bx	Rx					+	
	76700	74330-93-1	*POLY[2-(DIETHYLAMINO)ETHYL METHACRYLATE] PHOSPHATE	9	Bx	M49	1083					+
+	76720	09016-00-6 63148-62-9	POLYDIMETHYLSILOXANE	2	A4	M50	1502/	TDI: 1.5 mg/kg b.w. based on ADI= 1.5 mg/kg bw. (JECFA 34 M., MW 13500-30000).		POL	+	
	76730		POLYDIMETHYLSILOXANE, gamma-HYDROXYPROPYLATED	2	A5	M45/M42	419,473,885,912/	TDI: 0.1 mg/kg b.w. 90-day oral rat study, mutagenicity tests, in-vitro and in-vivo. (RIVM report, 1990-04-26).	SML = 6 mg/kg	PVC/New subs	+	
	76740	116810-47-0	*POLYDIMETHYLSILOXANE, GAMMA-HYDROXYPROPYLATED, DIESTERS WITH POLYCAPROLACTONE, DIACETATE	9	Bx	M49	1083					+
	76750		*POLYESTERS OF ACRYLIC AND METHACRYLIC ACIDS WITH ALCOHOLS, ALIPHATIC, MONOHYDRIC, SATURATED (C1-C18)	9	Bx		462,463			PVC	+	
	76760	-	*POLYESTERS OF ADIPIC ACID AND/OR AZELAIC ACID WITH 1,2-PROPANEDIOL, 1,3- AND 1,4-BUTANEDIOL OR 1,6-HEXANEDIOL	9	Bx		125*,172*, 314*,462,463//			PAM,PVDC	+	+
	76780		*POLYESTER OF ADIPIC ACID WITH 1,3-BUTANEDIOL	9-P	Bx		2062,2063+ ,2219(F)(Barlow)			PVC	+	
	76790	-	*POLYESTER OF ADIPIC ACID WITH 1,3- AND/OR 1,4-BUTANEDIOL AND/OR 1,2-PROPANEDIOL, WITH FREE HYDROXYL GROUPS ACETYLATED	9-P	Bx	M44	1795+//(Barlow)			PAM,PS,PVC,PVDC	+	+
	76800		See "76940"	D	D						+	
	76805		*POLYESTER OF ADIPIC ACID WITH 1,3-BUTANEDIOL AND 1,6-HEXANEDIOL	9	Bx		1852+//			PVC	+	+
	76810		*POLYESTERS PRODUCED BY REACTING ADIPIC ACID, GLYCEROL, AND ACIDS, ALIPHATIC, MONOCARBOXYLIC, SATURATED, LINEAR	9	Bx		462,463			PVC	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
			(C6-C22)									
	76820		*POLYESTER OF ADIPIC ACID WITH PROPANEDIOL	8	Bx	Rx	125*,172*, 314*,462,4 63//			PVC	+	+
+	76824	-	*POLYESTER OF ADIPIC ACID WITH 1,2-PROPANEDIOL, n-OCTANOL, n-DECANOL	P	P		2273 (I,Mw,T)(R IVM)				+	
	76830		*POLYESTER FORMED FROM ADIPIC,AZELAIC,DECANEDI-CARBOXYLIC,GLUTA RIC,MALEIC,PHTHALIC,SEBACIC,SUCCINIC ACIDS WITH ONE OR MORE DIOLS (C2-C6),GLYCEROL,MANNITOL,2,2-BIS(4-HYDR OXYPHENYL)PROPANE,PENTAERYTHRITOL ETC.	9-P	Bx	M49	1375,2062, 2219 (Barlow)			See full name in "EXPLANAT"	+	
	76840		*POLYESTERS OF AZELAIC ACID WITH n-HEXANOL AND 2-ETHYLHEXANOL	9	Bx		1853+//				+	+
	76850	-	*POLYESTER OF PENTAERYTHRITOL WITH ADIPIC ACID AND OLEIC ACID	9	Bx	M49				PVC	+	
	76860	-	*POLYESTER OF PENTAERYTHRITOL WITH ADIPIC ACID AND UNSUBSTITUTED ALIPH., MONOCARB. ACIDS (C16-C22)	9	Bx	M49				PA,PVC	+	
	76870		*POLYESTERS PROD.BY REACTING 5 MOLES OF PENTAERYTHRITOL WITH 4 M.OF ADIPIC ACID AND 12 M.OF OLEIC ACID AND/OR POLYESTER PROD.BY REACTING 7 M.OF PENTAERYTHRITOL WITH 6 M.OF ADIPIC ACID AND 16 M.OF SAT. ETC.	9	Bx	M49				See full name in "EXPLANAT"	+	+
	76880		See "76950"	D	D						+	+
	76890		*POLYESTERS PRODUCED BY REACTING (ACETIC, ACRYLIC, ADIPIC, BEHENIC, CAPRYLIC, COCO FATTY, CROTONIC, FUMARIC, ITACONIC, MALEIC, MYRISTIC, PALMITIC, PHTHALIC, SEBACIC, STEARIC, ETC. see CS/PM/1083	9	Bx	M49	1083			Full name in "EXPLANAT"		+
	76900		*POLYESTERS OBTAINED BY REACTING ADIPIC ACID,AZELAIC AC.,SUCCINIC AC.,DECANEDICARBOXYLIC AC.,PHTHALIC AC.AND SEBACIC AC.WITH	9	Bx	M49	1083//			Full name in "EXPLANAT"		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
			1,3-BUTANEDIOL,2,2-DIMETHYL-1,3-PROPANEDIOL,ETHYLENEGLYCOL,GLYCEROL, ETC...									
	76910		*POLYESTERS OF TITANIC ACID WITH ALIPHATIC ALCOHOLS C3-C8	9	Bx	M49	1083					+
	76920		*POLYESTERS OF TEREPHTHALIC ACID	9	Bx		462,463			PC,UP	+	
	76930		*POLYESTERS, UNSATURATED	9	Bx		462,463			PUR	+	
	76940	-	*POLYETHER ETHER KETONE	9	Bx	Rx	1287,1458*			PES	+	
	76950	09002-88-4	*POLYETHYLENE	8-P	Bx		1861+//2067,2194(Bohme-Jasoigne)			PA,PET,PO,PS,PVC,PVCC,PVDC	+	+
	76954	64754-90-1	*POLYETHYLENE, CHLORINATED WITH A CHLORINE CONTENT UP TO 56%	9-P	Bx		1256,1337 (Elias-Rossi-Jasoigne)			S1(80560)	+	
	76960	25322-68-3	POLYETHYLENEGLYCOL	2	A4	M40/Rx		Group TDI: 5 mg/kg b.w. (with triethyleneglycol). See references for triethyleneglycol. (SCF, 6th Series, 1978).		Same 23590	+	+
	76980	24938-37-2	*POLYETHYLENEGLYCOL ADIPATE	7	Bx	Rx		Needed: hydrolysis data.		PVAC	+	+
	77000		*POLYETHYLENEGLYCOL ALKYLARYL ETHER AND THEIR SULPHONATED DERIVATIVES	9	Bx	M49	1083					+
	77020		*POLYETHYLENEGLYCOL ALKYL(C3-C18) ETHER	9	Bx	M49	1083					+
+	77022	?	*POLYETHYLENEGLYCOL (EO=25) ALKYL(C32) ETHER (Mw=1500-3000)	P			2308 (I)(Bohme)			New subst.	+	+
+	77025	?	*POLYETHYLENEGLYCOL (EO=25) ALKYL(C32) ETHER MONOMETHACRYLATE (Mw=1500-3000)	P			2309 (I)(Bohme)			New subst.	+	+
+	77030	68891-38-3	*POLYETHYLENEGLYCOL ALKYL(C12-C14) ETHER SODIUM SULPHATE	P			1204* (Elias)			S1(78720)	+	
+	77030	68891-38-3	*POLYETHYLENEGLYCOL ALKYL(C12-C14) ETHER SODIUM SULPHATE	P			1204 (Rossi)				+	+
+	77035	68891-38-3	*POLYETHYLENEGLYCOL (EO=2-3) ALKYL(C12-C14)ETHER SODIUM SULPHATE	8-P	Bx	M53	1442/1653/ /(Bohme-El			S1(78720)	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							fas-Jasoig ne)					
	77040		See "76980"	D	D						+	+
	77050		*POLYETHYLENEGLYCOL ALKYL ETHERS AND THEIR SULPHONATED DERIVATIVES	9	Bx	M49	1083					+
	77070	68954-91-6	*POLYETHYLENEGLYCOL ALKYL(C10-C12) ETHER SULPHOSUCCINATE, DISODIUM SALT	9	Bx	M49	1083					+
+	77072	68815-56-5	*POLYETHYLENEGLYCOL ALKYL(C10-C16) ETHER SULPHOSUCCINATE, DISODIUM SALT	P			1500 (Bohme-Ellas)				+	
	77090		*POLYETHYLENEGLYCOL ALKYL(C8-C18) THIOETHER	9	Bx	M49	1083					+
	77105	68410-69-5	*POLYETHYLENEGLYCOL BIS(TALLOW ACYL AMIDO ETHYL)METHYL AMMONIUM METHOSULPHATE	W8	D	M51	1439*//			New subst.	+	
	77120	-	*POLYETHYLENEGLYCOL tert-BUTYL ETHER	9	Bx	Rx				PP	+	
	77200	61791-14-8	*POLYETHYLENEGLYCOL COCOAMINE	9	Bx	M37					+	
	77230		*POLYETHYLENEGLYCOL DERIVATIVES OF SORBITAN ESTERS OF ACIDS, LINEAR (C8-C22, EVEN)	9	Bx	M49	1083					+
	77250		*POLYETHYLENEGLYCOL DERIVATIVES OF SORBITOL ESTERS OF ACIDS, LINEAR (C8-C22, EVEN)	9	Bx	M49	1083					+
	77280	09005-02-1	POLYETHYLENEGLYCOL DILAURATE	2	D	M52/M51 /Rx	1641/1656/ /	Group TDI: 10 mg/kg bw for all PEG esters of food fatty acids. (CS/PM/1656).		Cov.by 77702	+	+
	77320	?	POLYETHYLENEGLYCOL DIMYRISTATE	2	D	M52	1245,1641, 1656//	Group TDI: 10 mg/kg bw for all PEG esters of food fatty acids. (CS/PM/1656).		S1(78640)/Cov.by 77702	+	
	77360	09005-07-6	POLYETHYLENEGLYCOL DIOLEATE	2	D	M52	1641,1656/ /	Group TDI: 10 mg/kg bw for all PEG esters of food fatty acids. (CS/PM/1656).		Cov.by 77702	+	+
	77440	-	POLYETHYLENEGLYCOL DIRICINOLEATE	2	A5	M52	1641,1656/	TDI: 0.7 mg/kg bw based on TDI for castor oil.	SML = 42 mg/kg		+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							/	(SCF, 7th Series, 1978)(CS/PM/1656).				
	77480		*POLYETHYLENEGLYCOL DODECYL ETHER	9	Bx		462,463,1206			PO	+	+
+	77520	61791-12-6	POLYETHYLENEGLYCOL ESTER OF CASTOR OIL	2	A5	M52	351,1327*,1343*,1641,1656//	TDI: 0.7 mg/kg bw based on TDI for castor oil. (SCF, 7th Series, 1978)(CS/PM/1656).	SML = 42 mg/kg		+	+
	77522	61791-12-6	*POLYETHYLENEGLYCOL (EO = 20-40) ESTER OF CASTOR OIL	9	Bx	M51	1665//			S1(77520)	+	
	77550		POLYETHYLENEGLYCOL ESTER OF COCONUT OIL FATTY ACIDS	2	Ax	M52/M49	1083,1641,1656//	Group TDI: 10 mg/kg bw for all PEG esters of food fatty acids. (CS/PM/1656).		Cov.by 77702		+
	77570	-	*POLYETHYLENEGLYCOL ESTERS OF (C6-C22) FATTY ACIDS	D	D					A/Cov.by 78640	+	
	77600	61788-85-0	POLYETHYLENEGLYCOL ESTER OF HYDROGENATED CASTOR OIL	3	A4	M53/Rx	136,1665,1762//	L3. Based on TDI for 77520 and L3 for 14470.			+	
+	77602	61788-85-0	*POLYETHYLENEGLYCOL (EO = 40) ESTER OF HYDROGENATED CASTOR OIL	D	D	M53	1665//			S1(77600)	+	
	77620		*POLYETHYLENEGLYCOL ESTER OF ROSIN	9	Bx	M49	1083					+
	77640		POLYETHYLENEGLYCOL ESTERS OF ACIDS, LINEAR, WITH AN EVEN NUMBER OF CARBON ATOMS (C8-C22)	2	D	M52/M49	1083,1641,1656//	Group TDI: 10 mg/kg bw for all PEG esters of food fatty acids. (CS/PM/1656).		Cov.by 77702		+
	77660		POLYETHYLENEGLYCOL ESTERS OF NATURAL FATTY ACIDS	2	D	M52/M49	1083,1641,1656//	Group TDI: 10 mg/kg bw for all PEG esters of food fatty acids. (CS/PM/1656).		To be rediscussed		+
	77680		See "77710"	D	D						+	+
	77700		*POLYETHYLENEGLYCOL ESTERS AND THEIR SULPHONATED DERIVATIVES	9	Bx	M49	1083					+
	77702	-	POLYETHYLENEGLYCOL ESTERS OF ALIPH., MONOCARB., ACIDS(C6-C22) AND THEIR AMMONIUM AND SODIUM SULPHATES	2	A4	M52	351,661*,1245*,1656,1665//	Group TDI: 10 mg/kg bw for all PEG esters of food fatty acids. (CS/PM/1656).		S1(78640)	+	
	77705	-	*POLYETHYLENEGLYCOL(>20 EO)ETHERS OF ALKYL PHENOLS, SODIUM SULPHATES	9	Bx		1319			S1(78800)	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	77710	-	*POLYETHYLENEGLYCOL ETHERS OF C10-C20 ALCOHOLS	9-P	Bx	Rx	1083,1322*,1346*//2196 (Bohme)				+	+
+	77711	68439-50-9	*POLYETHYLENEGLYCOL ETHERS OF C12-C14 ALCOHOLS	P			1603 (Bohme-Ellas)				+	
+	77712	68213-23-0	*POLYETHYLENEGLYCOL ETHERS OF C12-C18 ALCOHOLS	P			1603 (Bohme-Ellas)				+	
+	77713	9005-00-9	*POLYETHYLENEGLYCOL(EO=2) ETHERS OF C18 ALCOHOLS	9	Bx	M54	2019//			Covered by 77020 and 77710	+	
	77720	-	*POLYETHYLENEGLYCOL ETHER OF BENZYLPHENOL, AND THEIR SULPHATES AND/OR THEIR SODIUM AND AMMONIUM SULPHONATES	9	Bx	M37				A	+	
	77730		*POLYETHYLENEGLYCOL ETHERS OF ALCOHOLS, ALIPHATIC, MONOHYDRIC, SATURATED, PRIMARY, LINEAR (C5-C15)	9	Bx	M49	1083					+
	77735	59269-54-4	*POLYETHYLENEGLYCOL ETHER OF DODECYLPHENOL, SODIUM SULPHATE	9	Bx	M51	1665			S1(78800)	+	
	77737	09002-92-0	*POLYETHYLENEGLYCOL ETHER OF DODECYLALCOHOL	9	Bx		1206* (Rivm)(Jasoigne)			S1(77710)	+	+
+	77740	09014-90-8	*POLYETHYLENEGLYCOL ETHER OF NONYLPHENOL, SODIUM SULPHATE	D	D	M49	1203*,1665//			S1(78800). Same 78460	+	+
	77745	68130-71-2	*POLYETHYLENEGLYCOL ETHERS OF MONO-, DI-, and TRICUMYLPHENOL, SULPHATED, AMMONIUM SALT	9	Bx	M49	1083					+
	77747	58853-83-1	*POLYETHYLENEGLYCOL ETHER OF OCTYLPHENOL, SODIUM SULPHATE	9	Bx	M51	1665			S1(78800)	+	
	77750	53694-15-8	*POLYETHYLENEGLYCOL ETHER OF SORBITOL	9	Bx		462,463,1083			Cov.by 78880	+	+
+	77760	61791-28-4	*POLYETHYLENEGLYCOL ETHER OF TALLOW FATTY ALCOHOL	P			1603 (Bohme-Ellas)				+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	77775		*POLYETHYLENEGLYCOL ETHER OF TRIMETHYLOLPROPANE	9	Bx		462,463				+	
	77790	09004-95-9	*POLYETHYLENEGLYCOL HEXADECYL ETHER	9	Bx	M49	1083,1665			S1(77710)/Cov.by 77710	+	+
	77800	68071-98-7	*POLYETHYLENEGLYCOL HYDROGENATED TALLOW AMINE ETHYLSULPHATE	9	Bx	M53/M37					+	
	77840	68951-50-8	*POLYETHYLENEGLYCOL HYDROXYMETHYLPHOSPHONATE	7	Bx	Rx	75,1620	Available: 90-day oral rat studies in rats and dogs inadequate. Needed: 90-day oral study.		PET	+	
	77870	09004-87-9	*POLYETHYLENEGLYCOL ISOOCTYLPHENYL ETHER	9	Bx	M49	1083			Cov.by 78800		+
	77880	09043-30-5	*POLYETHYLENEGLYCOL ISOTRIDECYL ETHER	8	Bx	M51	1436/			S1(77710)	+	
	77890	-	*POLYETHYLENEGLYCOL ISOTRIDECYL ETHER SULPHATE, SALTS	8	Bx	M51	1425,1426/			S1(78720)	+	
	77900		*POLYETHYLENEGLYCOL MONOALKYL(C4-C18)PHENYL ETHER MONO- AND DIPHOSPHATE	9	Bx	M49	1083					+
	77920	09002-92-0	*POLYETHYLENEGLYCOL MONODODECYL ETHER	9	Bx	Rx	462,463//				+	
	78000	52019-36-0	*POLYETHYLENEGLYCOL MONODECYL PHOSPHATE	9	Bx	Rx					+	
	78040	32612-48-9	*POLYETHYLENEGYLCOL MONODODECYL ETHER AMMONIUM SULPHATE	9	Bx	M49	1083			Cov.by 78720		+
	78080	09004-81-3	POLYETHYLENEGLYCOL MONOLAURATE	2	D	M52/M50	1287,1475, 1496/1641, 1656//	Group TDI : 10 mg/kg bw for all PEG esters of food fatty acids. (CS/PM/1656).		Cov.by 77702	+	
	78120	?	POLYETHYLENEGLYCOL MONOMYRISTATE	2	D	M52	1245,1641, 1656//	Group TDI: 10 mg/kg bw for all PEG esters of food fatty acids. (CS/PM/1656).		S1(78640)/Cov.by 78120	+	
+	78140	9005-00-9	*POLYETHYLENEGLYCOL MONOOCTADECYL ETHER	8	Bx	M54	2019//			Covered by 77020 and 77710.	+	
	78160	09004-96-0	POLYETHYLENEGLYCOL MONOOLEATE	2	D	M52	140,1641,1656//	Group TDI: 10 mg/kg bw for all PEG esters of food fatty acids. (CS/PM/1656).		Cov.by 77702	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	78190	09004-98-2	*POLYETHYLENEGLYCOL MONOOLEYL ETHER	9	Bx	M51	1665			S1(77710)	+	
	78240	09004-94-8	POLYETHYLENEGLYCOL MONOPALMITATE	2	D	M52	1656//	Group TDI: 10 mg/kg b.w. for all PEG esters of food fatty acids.(CS/PM/1656).		Cov. by 77702	+	
	78320	09004-97-1	POLYETHYLENEGLYCOL MONORICINOLEATE	2	A5	M52	1641,1656/ /	TDI: 0.7 mg/kg bw based on TDI for castor oil. (SCF, 7th Series, 1978)(CS/PM/1656).	SML = 42 mg/kg		+	+
	78360	09004-99-3	POLYETHYLENEGLYCOL MONOSTEARATE	D	D						+	+
+	78400	09016-45-9	*POLYETHYLENEGLYCOL NONYLPHENYL ETHER	D	D	M56/M43 /R1	1796+,2020 ,2107,2223 //			Same as 23597 and 78440	+	+
+	78440	26027-38-3	*POLYETHYLENEGLYCOL,4-NONYLPHENYL ETHER	W7	D	M56/M51	1438, 2223//	Needed: in the first instance, information on the composition of the substances used. RIVM doc. CS/PM/2223 (in CS/PM/2223 change title to "4-nonylphenyl-polyethyleneglycol ethers (PM/REF.N.78440)").		New subst.	+	
	78460	09014-90-8	*POLYETHYLENEGLYCOL NONYLPHENYL ETHER, SODIUM SULPHATE	P	P		1724,2014 (Elias).			S1(78800)	+	
+	78480	51811-79-1	*POLYETHYLENEGLYCOL NONYLPHENYL PHOSPHATE	9	Bx	M53/Rx	1862+//				+	
+	78520	09040-38-4 67999-57-9	*POLYETHYLENEGLYCOL NONYLPHENYL SULPHOSUCCINATE, DISODIUM SALT	9-P	Bx	M49	1083,1500 (Bohme-Elias)				+	+
+	78550	9005-00-9	*POLYETHYLENEGLYCOL (EO=2) OCTADECYLETHER	P			2019 (Bohme)			S1(78720)	+	
	78560	09002-93-1 and 09036-19-5	*POLYETHYLENEGLYCOL OCTYLPHENYL ETHER	9-P	Bx	Rx	1863+//(Jasoigne-Rossi)				+	+
	78600		*POLYETHYLENEGLYCOL OLEYL ETHER AND ITS SULPHONATED DERIVATIVES	9	Bx	M49	1083					+
	78640	-	*POLYETHYLENEGLYCOL AND/OR POLYPROPYLENEGLYCOL ESTERS OF ALIPH., MONOCARB.,ACIDS (C6-C22) AND THEIR AMMONIUM AND SODIUM SULPHATES	D	D		351,661*,1245*,1656, 1665//			Replaced by 77702,80895	+	
	78720	-	*POLYETHYLENEGLYCOL AND/OR	9	Bx	M54/Rx	1904+,2018	Data transmitted as CS/PM/2018 and 2019 have not		See 14470 and	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
			POLYPROPYLENEGLYCOL ETHERS OF ALIPH., MONOH.,ALCOHOLS (C8-C20) AND THEIR AMMONIUM AND SODIUM SULPHATES				,2019//(I, Mw)	be evaluated because the identity of the substance should be specified.		12475		
	78800	-	*POLYETHYLENEGLYCOL AND/OR POLYPROPYLENEGLYCOL ETHERS OF ALKYLPHENOLS AND THEIR AMMONIUM AND SODIUM SULPHATES	9	Bx	Rx	1797+//				+	
	78880	-	*POLYETHYLENEGLYCOL AND/OR POLYPROPYLENEGLYCOL ETHERS OF TRIMETHYLOLPROPANE AND/OR SORBITOL	9	Bx	Rx					+	+
	78960	-	*POLYETHYLENEGLYCOL SORBITAN	9	Bx	Rx					+	
	79040	09005-64-5	POLYETHYLENEGLYCOL SORBITAN MONOLAURATE	1	A4	Rx		Group ADI: 10 mg/kg b.w. for polyethyleneglycol sorbitan monooleate, polyethyleneglycol sorbitan monopalmitate, polyethyleneglycol sorbitan monostearate, polyethyleneglycol sorbitan tristearate. (SCF, 15th Series, 1985).			+	+
	79120	09005-65-6	POLYETHYLENEGLYCOL SORBITAN MONOOLEATE	2	A4	Rx		Group TDI: 10 mg/kg b.w. for polyethylenglycol sorbitan monolaurate, polyethyleneglycol sorbitan monooleate, polyethyleneglycol sorbitan monostearate, polyethyleneglycol sorbitan tristearate. (SCF, 15th Series 1985).			+	+
	79200	09005-66-7	POLYETHYLENEGLYCOL SORBITAN MONOPALMITATE	1	A4	Rx		Group ADI: 10 mg/kg b.w. for polyethyleneglycol sorbitan monooleate, polyethyleneglycol sorbitan monolaurate, polyethyleneglycol sorbitan monostearate, polyethyleneglycol sorbitan tristearate. (SCF, 15th Series, 1985).			+	+
	79280	09005-67-8	POLYETHYLENEGLYCOL SORBITAN MONOSTEARATE	1	A4	Rx		Group ADI: 10 mg/kg b.w. for polyethyle-eglycol sorbitan monooleate, polyethyleneglycol sorbitan monopalmitate, polyethyleneglycol sorbitan monolaurate, polyethyleneglycol sorbitan tristearate. (SCF, 15th Series, 1985).			+	+
	79360	09005-70-3	POLYETHYLENEGLYCOL SORBITAN TRIOLEATE	2	A4	Rx		Group TDI: 10 mg/kg b.w. based on the group ADI 10 mg/kg b.w. for polyethyleneglycol sorbitan monolaurate and other polyethyleneglycol sorbitan esters.			+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								(SCF, 15th Series, 1985).				
	79440	09005-71-4	POLYETHYLENEGLYCOL SORBITAN TRISTEARATE	1	A4	Rx		Group ADI: 10 mg/kg b.w. for polyethyleneglycol sorbitan monooleate, polyethyleneglycol sorbitan monopalmitate, polyethyleneglycol sorbitan monostearate, polyethyleneglycol sorbitan monolaurate. (SCF, 15th Series, 1985).			+	+
	79520	-	POLYETHYLENEGLYCOL STEARATE	2	D	M52	140,1656//	Group TDI: 10 mg/kg bw for all PEG esters of food fatty acids. (CS/PM/1656).		Cov. by 77702	+	+
	79550	09014-85-1	*POLYETHYLENEGLYCOL 2,4,7,9-TETRAMETHYL-5-DECYN-4,7-DIOL ETHER	9	Bx	M49	1083			Cov.by 77680.Data are ongoing		+
	79590		*POLYETHYLENEGLYCOL TRIDECYL ETHER	9	Bx	M49	1083			Cov.by 77680		+
	79600	09046-01-9	*POLYETHYLENEGLYCOL TRIDECYL PHOSPHATE	9	Bx	Rx					+	
	79680	26913-06-4	*POLYETHYLENEIMINE	9	Bx	Rx			See restriction for ethyleneiminine	PP	+	+
	79720		*POLYETHYLENEIMINE, MODIFIED WITH ADIPIC ACID, DIETHYLENETRIAMINE, AND EPICHLOROHYDRIN	9	Bx		462,463			PP	+	
	79760	-	POLYETHYLENEIMINE, BUTYLATED	2	A5	M40	154,241,30 1,329,367, 410/448	TDI: 0.1 mg/kg b.w. Specification for ethyleneimine (R= 0.010 mg/kg). 90-day oral rat study, mutagenicity studies negative. (RIVM report 90/678608/002 February 1990).	SML = 6 mg/kg and SML(T) = not detectable as ethyleneimine (DL=0.01 mg/kg)	PP	+	
	79840	09002-98-6 26913-06-4	*POLYETHYLENEIMINE, MODIFIED	9	Bx	M39/Rx	1864+	In principle List 9. Some substances covered by 79840 have been identified: (polymin (R) SN (CAS N. 103479-08-9)(see CS/PM 330) but documentation is inadequate. The substances must be listed individually and assessed accordingly. L8.		PP	+	
	79841	103479-08-9	*POLYETHYLENEIMINE, MODIFIED	9	Bx	M40					+	
	79842	114133-44-7	*POLYETHYLENEIMINE, MODIFIED	9	Bx	M43					+	
	79920	09003-11-6	*POLY(ETHYLENE PROPYLENE) GLYCOL	9-P	Bx	Rx	1798+//(Bo			UK Spec (PM	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
		106392-12-5					hme-Elias)			900-4000 etc.)		
	79930		*POLY(ETHYLENE PROPYLENEGLYCOL)(>20 EO and >20 PO)	9	Bx		1328 (Rivm)			S2(79920)	+	+
	79950	-	POLY(ETHYLENE AND/OR PROPYLENEGLYCOL)-ALIPH., MONOH., ALCOHOLS (C8-C20),COPOLYMERS AND THEIR AMMONIUM AND SODIUM SULPHATES	D	D					Same 78720	+	
+	79960	111905-54-5	*POLY(ETHYLENE PROPYLENE)GLYCOL ALKYL (C13-C15)ETHERS	9-P	Bx	M54	1324//2018 (I,Mw)(Bohme)			S1(78720)	+	+
	79965	67167-17-3	*POLY(ETHYLENE PROPYLENE)GLYCOL DIOLEATE	9	Bx	M51	1665			S1(78640)	+	
	79967	55126-40-4	*POLY(ETHYLENE PROPYLENE)GLYCOL DISTEARATE	9	Bx	M51	1665			S1(78640)	+	
+	79968	69227-21-0	*POLY(ETHYLENE PROPYLENE) GLYCOL ETHERS OF C13-C15 ALCOHOLS	9	Bx	M54	2018//			Covered by 78720	+	
+	79969	37251-69-7	*POLY(ETHYLENE PROPYLENE)GLYCOL NONYLPHENYL ETHER	P			2200 (Bohme,Feigenbaum)			S1(78800)	+	
	79970		*POLY(ETHYLENE PROPYLENE)GLYCOL STEARATE (M.W. >6800)	9	Bx	M49	1083					+
	80000	09002-88-4	*POLYETHYLENE WAX	8-P	Bx	M40/Rx	1854+//2136,2194 (Bohme)	Postponed. Under evaluation by SCF as glazing agent.			+	
	80080	68441-17-8	*POLYETHYLENE WAXES, OXIDIZED	8-P	Bx	M40/M39/Rx	1799+//2137 (RIVM)				+	+
	80160	37349-34-1	POLYGLYCEROL MONOSTEARATE	1	D	Rx		ADI: 25 mg/kg b.w. (SCF, 7th Series, 1978).		Cov. by 30960.	+	
	80240	29894-35-7	POLY(GLYCEROL RICINOLEATE)	1	A4	Rx		ADI: 7.5 mg/kg b.w. (SCF, 7th Series, 1978).			+	
-	80320	09009-32-9	POLYGLYCEROL STEARATE	1	D	M38		ADI: 25 mg/kg b.w. (JECFA 26 M., 1982).		PVC/Cov. by 30960	+	+
+	80330	?	*POLY(1-HYDROXYNAPHTHYLMETHANE)	W-P	D	M54	1583,1682//2249	Dossier incomplete. Provide remaining data according to SCF guidelines.		New subst.	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							(I,mM)(RIVM-TNO)					
+	80340	27924-99-8	*POLY(12-HYDROXYSTEARIC ACID)	7	Bx	M54/M42 /Rx	1865+,2002 //	Available: Ames test, inadequate migration data. Needed: remaining data according to SCF guidelines.		PE,PVC	+	
	80360	09003-27-4	*POLYISOBUTENE	9-P	Bx	M44	453/1281,1360*//2067,2194(Bohme)			A	+	+
	80365	26335-74-0	*POLY(ISOBUTYL ACRYLATE)	9	Bx	M51	990			S1(76750), S2(80450)	+	+
	80380	09003-04-7	*POLYMER OF ACRYLIC ACID, SODIUM SALT	9	Bx	M49				PVDC	+	
	80400		See "80340"	D	D						+	
	80410		*POLYMERS OF DIOCTYLTIN BIS(2-ETHYLHEXYL MALEATE)	9	Bx		462,463				+	
	80425		*POLYMERS OF DIOCTYLTIN BIS(2-ETHYLHEXYL MERCAPTOACETATE)	9	Bx		462,463				+	
	80430		POLYMERIZATION AIDS	D	D	M41	476			For memo	+	
+	80440		*POLYMERS OF DI-n-OCTYLTIN DIMALEATE	9	Bx	M56				PMMA	+	
	80450		*POLYMERS MADE FROM MONOMERS MENTIONED IN BGA XIV.1.h	9	Bx	M49	1083					+
	80455		POLYMERS USED AS ADDITIVES (having a MW>1000 and having the starting monomers in SCF lists 0-4)	3/D	D	M52/M41	462,463//	See minutes 52M.		For memo	+	
	80457		*POLYMERS USED AS ADDITIVES (having a Mw<1000 daltons or having a MW>1000 daltons but having the starting monomers in SCF lists 5-9)	9	9-D	M52	1716	See cs/pm/1716.		For memo	+	+
+	80460	25087-26-7	*POLYMETHACRYLIC ACID	9	Bx	M46	672/1287,1464*/2312 (IMw)(Bohme)				+	+
	80470		*POLYMETHACRYLIC ACIDS, SALTS	9	Bx		462,463				+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	80480	82451-48-7	POLY(6-MORPHOLINO-1,3,5,-TRIAZINE-2,4,-DIYL)-[(2,2,6,6,-TETRAMETHYL-4-PIPERIDYL)IMINO]-HEXAMETHYLENE-[(2,2,6,6-TETRAMETHYL-4-PIPERIDYL)-IMINO]	2	A5	M37	229/	t-TDI= 0.03 mg/kg bw. Available: 3-months oral rat and dog studies. (Reports CIBA-GEIGY provided (April 1989)). Needed: mutagenicity studies, chemical and physical data and migration data.	SML= 1.8 mg/kg	PO	+	
	80550	-	*POLYOLEFINS (LOW MOLECULAR WEIGHT)	9-P	Bx	M40	1866+,2138,2194,2271,2365(Bohme)			A/Not fully covered by 80000/L9	+	+
	80560	68410-99-1	*POLYOLEFINS, CHLORINATED WITH A CHLORINE CONTENT OF UP TO 56%	9	Bx	Rx	826*/1256*,1337*				+	
+	80640	-	POLYOXYALKYL(C2-C4)DIMETHYLPOLYSILOXANE	3	A4	M56/M52/M42/Rx	91,210/947//	Available: average MW ~7600, 2 negative mutagenicity tests, 90-day oral rat study (RIVM doc. CS/PM/91, 1987).			+	+
	80670		*POLYPHENYLENE OXIDE	9	Bx		462,463			PC	+	
	80700		*POLY-p-PHENYLENE-p-PHTHALAMIDE	9	Bx	M46	672					+
	80720	08017-16-1	POLYPHOSPHORIC ACIDS	1	A4	M41/Rx		MTDI: 70 mg/kg b.w. (as P). (JECFA 26 M., 1982).			+	+
	80760	09003-07-0	*POLYPROPYLENE	9-P	Bx	M49	2194,2252 (Bohme)			PA,PO,PS,PET,PETP	+	+
+	80800	25322-69-4	POLYPROPYLENEGLYCOL	2	A5	M40/Rx		Group TDI: 1.5 mg/kg b.w. (with dipropyleneglycol). See references for dipropyleneglycol.	Mw>400 and 1,3-propyleneglycol content not to exceed 1%	Same 23650	+	+
	80820	25101-03-5	*POLYPROPYLENEGLYCOL ADIPATE	7-P	Bx	M52/Rx	1450*//2062 (Barlow)	Needed: hydrolysis data.		PVC	+	+
	80830		*POLYPROPYLENEGLYCOL ALKYL(C8-C18) THIOETHER	9	Bx	M49	1083					+
	80840		*POLYPROPYLENEGLYCOL ALKYL(C4-C18) ETHER	9	Bx	Rx						+
	80850		*POLYPROPYLENEGLYCOL BUTYL ETHER	9	Bx	M49	1083					+
	80860		*POLYPROPYLENEGLYCOL DERIVATIVES OF SORBITAN ESTERS OF ACIDS, LINEAR (C8-C22, EVEN)	9	Bx	M49	1083					+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	80870		*POLYPROPYLENEGLYCOL DERIVATIVES OF SORBITOL ESTERS OF ACIDS, LINEAR (C8-C22, EVEN)	9	Bx	M49	1083					+
	80880		See "80820"	D	D						+	+
	80890	-	POLYPROPYLENEGLYCOL ESTERS WITH ACIDS, ALIPH., MONOCARB., SAT. (C12-C20)	D	D					Cov. by 78640	+	
	80895	-	*POLYPROPYLENEGLYCOL ESTERS OF ALIPH.,MONOCARB.,ACIDS(C6-C22) AND THEIR AMMONIUM AND SODIUM SULPHATES	9	Bx	M52	1867+			S1(78640)	+	
	80900	61790-96-3	*POLYPROPYLENEGLYCOL ESTER OF CASTOR OIL	9	Bx	M49	1083					+
	80910		*POLYPROPYLENEGLYCOL ETHERS OF MONO-, DI-, AND TRIALKYL(C4-C18)PHENOL	9	Bx	M49	1083			Covered by 78800		+
	80920		*POLYPROPYLENEGLYCOL ETHERS OF MONO-,DI-, AND TRIALKYL(C4-C18) SULPHONATED PHENOL	9	Bx	M49	1083					+
	80930		*POLYPROPYLENEGLYCOL ETHER OF TRIMETHYLOLPROPANE	9	Bx		462,463				+	
	80940	?	*POLYPROPYLENEGLYCOL LAURATE	9	Bx	M49				PE,PVDC/Cov.by 78640	+	+
	80950	-	*POLYPROPYLENEGLYCOL OCTADECYL PHOSPHATE	W9	D	Rx	137//			A	+	
	80960		See "80950"	D	D		137				+	
	80970	?	*POLYPROPYLENEGLYCOL OLEATE	9	Bx	M49				PE,PVC	+	+
	80985		*POLYPROPYLENEGLYCOL OLEATE BUTYL ETHER	9	Bx	M49	1083					+
	81000	09003-11-6	POLYPROPYLENEGLYCOL POLYOXYETHYLATED	D	D					Same 79920	+	
	81015	?	*POLYPROPYLENEGLYCOL RICINOLEATE	9	Bx	M49				PE,PVC	+	+
	81030	?	*POLYPROPYLENEGLYCOL STEARATE	9	Bx	M49				PE,PVC/Cov.by 78640	+	+
	81040		See "81100"	D	D						+	
	81045		*POLYPROPYLENEGLYCOL STEARATE BUTYL	9	Bx	M49	1083					+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
			ETHER									
	81060	-	*POLYPROPYLENE WAX	8-P	Bx	M44	521*/2194 (Bohme)			CAS_N 9003-07-0 (see CS/PM/521)	+	
	81080	09003-53-6	*POLYSTYRENE	9	Bx	M49	1287			PO,PPO,PS,PUR,UP	+	
	81100	68441-35-0	*POLYSTYRENE, HYDROGENATED	9	Bx	Rx					+	
	81120	-	*POLYTERPENES	9-P	Bx	M46/Rx	612?,1800+ (Jasoigne-Rossi-Elias)			PAM,PO/CAS?(see /612)//	+	
	81122		*POLYTERPENES, HYDROGENATED	9-P	Bx	M42	515*,612,619,843,928,1762(F)(RIVM)				+	
	81160	09002-84-0	*POLYTETRAFLUOROETHYLENE	9	Bx	M49				A	+	+
	81200	71878-19-8	POLY[6-[(1,1,3,3-TETRAMETHYLBUTYL)AMINO]-1,3,5-TRIAZINE-2,4-DIYL]-[(2,2,6,6-TETRAMETHYL-4-PIPERIDYL)-IMINO]HEXAMETHYLENE[(2,2,6,6-TETRAMETHYL-4-PIPERIDYL)IMINO]	2	A5	Rx	83,207,208,220,224/	TDI: 0.05 mg/kg b.w. 3-month oral dog and 3- and 6-month oral rat studies, mutagenicity studies. (RIVM rep.89/678608/006 1989-04-11).	SML = 3.0 mg/kg	PO	+	
+	81215	65447-77-0	POLY/(2,2,6,6-TETRAMETHYLPIPERIDINE-1,4-DIYL)ETHYLENEOXYSUCCINYLOXYL	D	D	M53	1762//	Same as 60800.		Same as 60800 and 91150.	+	
	81230		*POLYURETHANES	9	Bx		462,463			POM,PVC	+	
	81245	09003-20-7	*POLYVINYL ACETATE	9	Bx	M46				ABS,PS,PVAC,UP	+	+
	81260		*POLYVINYL ACETATE, PARTIALLY HYDROLYZED	9-P	Bx	M44	462,463/1287,2263 (Bohme)			PVDC	+	
	81280	09002-89-5	*POLYVINYL ALCOHOLS	8-P	Bx	M44/M42	1801+,2071,2239(Bohme)	Needed: migration data and specification data as first step.			+	+
	81310	09002-86-2	*POLYVINYL CHLORIDE	9	Bx	M44	462,463/			PO,PC,PVCC,UP	+	+
	81325	25498-06-0	*POLYVINYLCYCLOHEXANE	W9-P	D		880//1762,2054			New subst/PP	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							(Bohme)					
	81340	09003-19-4	*POLYVINYL ETHER	9	Bx	M46	672/					+
	81360	-	*POLYVINYLETHERS	9	Bx	M44/Rx				PVC	+	
	81390	25104-37-4	*POLY(VINYL ETHYL ETHER)	9	Bx	M44	1359*			PO	+	+
	81410	09003-33-2	*POLYVINYLFORMAL	9	Bx	M49	1083			Same 23720		+
	81440	24937-79-9	*POLYVINYLIDENE FLUORIDE	9	Bx	M44/Rx				PE	+	
	81460		*POLY-N-VINYL-N-METHYLACETAMIDE	9	Bx	M44				PS	+	+
	81475		*POLY-N-VINYL-N-METHYLFORMAMIDE (M.W.>40.000)	9	Bx	M44	Is it correct?(Bohme)			POM	+	
	81485	25035-84-1	*POLYVINYL PROPIONATE	9	Bx	M44	462,463//			PS	+	
	81500	09003-39-8	*POLYVINYLPYRROLIDONE	9	Bx	M44	462,463//			ABS,PA,PAN,POM, PS,PVC,PVCC,PVDC	+	+
	81520	07758-02-3	POTASSIUM BROMIDE	1	A4	M38	302,355//	Group ADI: 1 mg/kg b.w. (as Br) as pesticide residue. See references for ammonium bromide in list 2.		PA	+	+
	81560		*POTASSIUM DITHIONITE	8	Bx	M49	1083					+
	81600	01310-58-3	POTASSIUM HYDROXIDE	1	A4	M37		ADI: not specified. (SCF, Rx).			+	+
	81680	07681-11-0	POTASSIUM IODIDE	1	A5	Rx		PMTDI: 0.017 mg/kg b.w. (as I). (JECFA 33 M., 1988).	SML(T)= 1.0 mg/kg (expressed as I)	PA	+	
	81720	10117-38-1	POTASSIUM SULPHITE	2	Ax	M51/M49	1083/	TDI: 0.7 mg/kg b.w. Based on ADI for SO2. (30th M, JECFA, 1986).				+
	81740		*POTATO PROTEIN	9	Bx	M49	1083					+
+	81760	-	POWDERS, FLAKES AND FIBERS OF BRASS, BRONZE, COPPER, STAINLESS STEEL, TIN AND THEIR ALLOYS	1	A5	M57/Rx	1287,1477*,2039//	For cuprum: PMTDI: 0.5 mg/kg bw (SCF, 25th Series, 1990). For iron: PMTDI: 0.8 mg/kg bw (SCF, 25th Series, 1990).	SML(T18) = 30 mg/kg (as Cu)	PET,PTFE	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								For tin (II): PTWI: 14 mg/kg bw (SCF, 25th Series, 1990). For Zinc: PMTDI: 1 mg/kg bw (SCF, 25th Series, 1990).				
+	81761	-	*POWDERS, FLAKES AND FIBRES OF CHROMIUM, MOLYBDENUM, NICKEL AND THEIR ALLOYS	7	Bx	M57	1287,1477* ,2039	Needed: Migration data and justification of use.		S1(81760)/PET,PTFE	+	
	81780		PRINTING INKS	D	D					For memo	+	
	81800		PROPANAMINIUM.....etc	D	D					Same 34925	+	
	81840	00057-55-6	1,2-PROPANEDIOL	1	A4	Rx		ADI: 25 mg/kg b.w. (JECFA 17 M., 1973).		Same 23740	+	+
	81860		*1,3-PROPANEDIOL MONO- AND DIALKYL ETHER	9	Bx	M49	1083					+
+	81880	00071-23-8	1-PROPANOL	3	Ax	M55/M54	2075//	See references for same substance in monomer report.		MF,PF,UF/Same 23800		+
	81882	00067-63-0	2-PROPANOL	1	A4	M37		t-ADI : 1.5 mg/kg b.w. (SCF, 11th Series, 1981).		Same 23830	+	+
	81920	05520-20-7	*1-PROPANOL,3-[1,3,3,3-TETRAMETHYL-1-[(TRIMETHYL SILYL) OXY] DISILOXANYL]-,HYDROGEN SULPHATE, COMPOUND WITH 2-PROPANAMINE(1:1)	W	D	M37	120/261			PP/New subst.	+	
	82000	00079-09-4	PROPIONIC ACID	1	A4	Rx		Group ADI: not specified. (SCF, 1st Series, 1974).		Same 23890	+	+
	82020	01560-69-6	PROPIONIC ACID, COBALT(II) SALT	1-3	A5	M52/M43	564,1707//	L3 for Cobalt. R: 0.05 mg/kg of food (as Cobalt). (RIVM, summary data, October 1992). L1 for propionic acid. See references for propionic acid.	SML(T) = 0.05 mg/kg (as Co)	PET	+	
	82050	00108-32-7	*PROPYLENE CARBONATE	8	Bx	M46	672/					+
	82065	00057-55-6	1,2-PROPYLENEGLYCOL	D	D					Same 81840	+	
	82080	09005-37-2	1.2-PROPYLENEGLYCOL ALGINATE	1	A4	Rx		Group ADI: 25 mg/kg b.w. (JECFA 17 M., 1973).			+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	82160		*1,3-PROPYLENEGLYCOL ALGINATE	8	Bx	Rx					+	+
	82240	22788-19-8	1,2-PROPYLENEGLYCOL DILAURATE	1	A4	Rx		Group ADI: 25 mg/kg b.w. (as propyleneglycol) for 1,2-propyleneglycol esters of fatty acids. (JECFA 17 M., 1973).			+	
	82320	-	*1,3-PROPYLENEGLYCOL DILAURATE	8	Bx	Rx					+	
	82400	00105-62-4	1,2-PROPYLENEGLYCOL DIOLEATE	1	A4	Rx		Group ADI: 25 mg/kg b.w. (as propyleneglycol) for 1,2-propyleneglycol esters of fatty acids. (JECFA 17 M., 1973).			+	
	82480	00821-69-2	*1,3-PROPYLENEGLYCOL DIOLEATE	8	Bx	Rx					+	
	82560	33587-20-1	1,2-PROPYLENEGLYCOL DIPALMITATE	1	A4	Rx		Group ADI: 25 mg/kg b.w. (as propyleneglycol) for 1,2-propyleneglycol esters of fatty acids. (JECFA 17 M., 1973).			+	
	82640	56414-56-3	*1,2-PROPYLENEGLYCOL DIRICINOLEATE	7	Bx	Rx		Needed: hydrolysis and migration data.			+	
	82720	06182-11-2	1,2-PROPYLENEGLYCOL DISTEARATE	1	A4	Rx		Group ADI: 25 mg/kg b.w. (as propyleneglycol) for 1,2-propyleneglycol esters of fatty acids. (JECFA 17 M., 1973).			+	
	82800	27194-74-7	1,2-PROPYLENEGLYCOL MONOLAURATE	1	A4	Rx		Group ADI: 25 mg/kg b.w. (as propyleneglycol) for 1,2-propyleneglycol esters of fatty acids. (JECFA 17M., 1973).			+	
	82880	-	*1,3-PROPYLENEGLYCOL MONOLAURATE	8	Bx	Rx					+	
	82960	01330-80-9	1,2-PROPYLENEGLYCOL MONOOLEATE	1	A4	Rx		Group ADI: 25 mg/kg b.w. (as propyleneglycol) for 1,2-propyleneglycol esters of fatty acids. (JECFA 17 M., 1973)			+	
	83040	-	*1,3-PROPYLENEGLYCOL MONOOLEATE	8	Bx	Rx					+	
	83120	29013-28-3	1,2-PROPYLENEGLYCOL MONOPALMITATE	1	A4	Rx		Group ADI: 25 mg/kg b.w. (as propyleneglycol) for 1,2-propyleneglycol esters of fatty acids. (JECFA 17 M., 1973)			+	
+	83200	-	*1,3-PROPYLENEGLYCOL MONOPALMITATE	8	Bx	M56					+	
	83280	26402-31-3	*1,2-PROPYLENEGLYCOL MONORICINOLEATE	7	Bx	Rx		Needed: hydrolysis and migration data.			+	
	83300	01323-39-3	1,2-PROPYLENEGLYCOL MONOSTEARATE	1	A4	Rx		Group ADI: 25 mg/kg b.w. (as propyleneglycol) for 1,2-propyleneglycol esters of fatty acids.			+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								(JECFA 17 M., 1973)				
	83320	-	PROPYLHYDROXYETHYLCELLULOSE	2	A4	M49	1083/	TDI: not specified based on group ADI (=not specified) for certain modified celluloses. (JECFA 35M., 1989).			+	+
	83325	-	PROPYLHYDROXYMETHYLCELLULOSE	2	A4	M49	1083/	Group TDI: not specified based on group ADI (=not specified) for certain modified celluloses. (JECFA 35M., 1989).			+	+
+	83330	-	PROPYLHYDROXYPROPYLCELLULOSE	2	A4	M49	1083//	Group TDI: not specified based on group ADI (=not specified) for certain modified celluloses. (JECFA 35M., 1989).			+	+
	83360		See "83300"	D	D						+	
	83375		*PROTEINS POSSIBLY HYDROLYZED BY ALKALIS OR ENZYMES, AND THEIR POTASSIUM AND SODIUM SALTS	9	Bx	M49	1083					+
+	83390	16210-51-8	*PYROANTIMONIC ACID, POTASSIUM SALT	6B	Bx	M55/M49	1083//	R: 0.01 mg/kg of food (as Sb). Needed: actual use in first instance.	SML(T17) = 0.01 mg/kg (expressed as Sb)			+
	83415		*PYROMELLITIC ACID TETRAALKYL(C1-C8) ESTER	9	Bx	M49	1083					+
	83440	02466-09-3	PYROPHOSPHORIC ACID	1	A4	M41/Rx		MTDI: 70 mg/kg b.w. (as P). (JECFA 26 M., 1982).		PS,PVDC	+	+
+	83450	59562-58-2	*PYROPHOSPHORIC ACID, MONODIBUTYLAMINE SALT	8	Bx	M53/M49	1083,1653/ /	Needed: data on dibutylamine according to SCF guidelines.				+
+	83455	13445-56-2	PYROPHOSPHOROUS ACID	3	A4	M55		Easily oxidized to phosphoric acid.		Added because some pyrophosphites compds exist	+	+
+	83460	12269-78-2	PYROPHYLLITE	3	A5	M55	1695//	Inert material. The substance should be free from asbestos.	Free of asbestos		+	
+	83470	14808-60-7	QUARTZ	3	A5	M55		Inert materials. The substance should be free from asbestos.	Free of asbestos.		+	
	83480	121888-67-3	*QUATERNARY AMMONIUM COMPOUNDS, BENZYLBIS(HYDROGENATED TALLOW ALKYL)METHYL, BIS(HYDROGENATED TALLOW ALKYL)DIMETHYLAMMONIUM SALT WITH	9	Bx	M49	1083					+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
		HECTORITE									
83490		*QUATERNARY AMMONIUM COMPOUNDS, BENZYLDIMETHYLOCTADECYL, COMPOUND WITH HECTORITE	9	Bx	M49	1083					+
83500	71011-26-2	*QUATERNARY AMMONIUM COMPOUNDS, BENZYL(HYDROGENATED TALLOW ALKYL)DIMETHYL, CHLORIDES, COMPOUNDS WITH HECTORITE	9	Bx	M46	672/					+
83510	121888-68-4	*QUATERNARY AMMONIUM COMPOUNDS, BENZYL(HYDROGENATED TALLOW ALKYL)DIMETHYL, CHLORIDES, COMPOUNDS WITH BENTONITE AND SODIUM STEARATE	9	Bx	M49	1083					+
83520		See "83610"	D	D						+	+
83530	71011-24-0	*QUATERNARY AMMONIUM COMPOUNDS, BENZYL(HYDROGENATED TALLOW ALKYL)DIMETHYL, CHLORIDES, COMPOUNDS WITH BENTONITE	9	Bx	M49	1083					+
83535	68989-03-7	*QUATERNARY AMMONIUM COMPOUNDS, COCO ALKYL BIS(HYDROXYETHYL)-METHYL, ETHOXYLATED METHYL SULPHATE	9	Bx	M51	1437/			New subst	+	
83540		*QUATERNARY AMMONIUM COMPOUNDS, DIMETHYL DIOCTADECYL, COMPOUND WITH BENTONITE	9	Bx	M49	1083					+
83550		*QUATERNARY AMMONIUM COMPOUNDS (Q1,Q2,Q3,Q4-AMMONIUM CHLORIDE OR BROMIDE), WHERE Q1=ALKYL(C8-C18) AND Q2,Q3 AND Q4= HYDROGEN, ALKYL(C1-C4), OR BENZYL	9	Bx	M49	1083					+
83560	68953-58-2	*QUATERNARY AMMONIUM COMPOUNDS, BIS(HYDROGENATED TALLOW ALKYL)DIMETHYL, SALTS WITH BENTONITE	9	Bx	M46	672/					+
83565	93572-63-5	*QUATERNARY AMMONIUM COMPOUNDS N,N,N'-TRIS(HYDROXYETHYL)-N,N'-DIMETHYL-N'-TALLOW ALKYLTRIMETHYLENE DI-,BIS(METHYL SULPHATES), SALTS	9	Bx	M51	1429/			New subst	+	
83580/0	08002-13-9	RAPESEED OIL (food grade quality)	D	D	M52/M49				Same 45060/0	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	83580/1	08002-13-9	RAPESEED OIL	3	D	M52/M49		Food fat.		Same 45060/1//Cov.by 54450	+	+
	83595	119345-01-6	REACTION PRODUCT OF DI-tert.BUTYLPHOSPHONITE WITH BIPHENYL, OBTAINED BY CONDENSATION OF 2,4-DI-tert.BUTYLPHENOL WITH FRIEDEL CRAFT REACTION PRODUCT OF PHOSPHORUS TRICHLORIDE AND BIPHENYL	2	A5	M41/M21 /Rx	97,454	TDI: 0.3 mg/kg b.w. 90-day oral rat study and mutagenicity studies. (Sandoz report 1979).	SML = 18 mg/kg	Ex 92560.See 3141Rev2/SCF_M 41/RCC problem/Mixt	+	
	83600		See "83690"	D	D						+	
	83610	73138-82-6	RESIN ACIDS AND ROSIN ACIDS	2	A4	Rx		Group TDI: 1 mg/kg b.w. (SCF, 17th Series, 1986)		PS,PVC/Same 24070	+	+
+	83620		*RESIN ACIDS AND ROSIN ACIDS, CERIUM SALTS	8	Bx	M54/M52	1083,2090/ /	L2(=1 mg/kg bw) for resin acids. L8 for cerium.				+
+	83630	68956-82-1	RESIN ACIDS AND ROSIN ACIDS, COBALT SALTS	2-3	Ax	M53/M52	1083,1707/ /	L3 for Cobalt. R: 0.05 mg/kg of food (as Co). (RIVM, summary data, October 1992)(CS/PM/1707). L2 for resin and rosins acids. TDI: 1 mg/kg bw.	SML(T14) = 0.05 mg/kg (as Co)			+
	83640		RESIN ACIDS AND ROSIN ACIDS, LITHIUM SALTS	2	Ax	M52/M49	1040,1083/ /	L2 (=1 mg/kg b.w.) for resin acids. L2 for the Lithium. Group TDI: 0.01 mg/kg b.w. (as Li). See references for 38000 in L2 in this report.	SML(T) = 0.6 mg/kg (expressed as Li)			+
	83650	09008-34-8	RESIN ACIDS AND ROSIN ACIDS, MANGANESE SALTS	2	Ax	M52/M49	1083//	L2 (= 1 mg/kg b.w.) for resin acids. L2 for the Mn. Group TDI: 0.01 mg/kg b.w. (as Mn). See references for 30180 in L2 in this report.	SML(T16) = 0.6 mg/kg (as Mn)			+
+	83660		*RESIN ACIDS AND ROSIN ACIDS, ZIRCONIUM SALTS	7	Bx	M54/M52	1083/2091/ /	L2(= 1 mg/kg bw) for resin acids. L7 for zirconium. See references for 54220.				+
	83670		*RICEBRAN OIL, SULPHATED, AMMONIUM, POTASSIUM, OR SODIUM SALT	9	Bx	M49	1083			Cov.by 54640		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	83680		See "83700"	D	D						+	
	83690	35732-94-6	*RICINOLEAMIDE	8	Bx	Rx					+	
	83700	00141-22-0	RICINOLEIC ACID	2	A5	Rx		TDI: 0.7 mg/kg b.w. based on TDI for castor oil. (SCF, 7th Series, 1978).	SML = 42 mg/kg		+	+
+	83720	07492-63-9	*RICINOLEIC ACID, CERIUM SALT	8	Bx	M54/M52	1083/2090/ /	L2 (=0.7 mg/kg bw) for ricinoleic acid. L8 for cerium.				+
	83730		RICINOLEIC ACID, COBALT SALT	1-3	Ax	M52	1083,1707/ /	L2(=0.7 mg/kg bw) for ricinoleic acid. L3 for Cobalt. R: 0.05 mg/kg of food (as Co). (RIVM, summary data, October 1992)(CS/PM/1707).	SML(T14) = 0.05 mg/kg (as Co)			+
	83760	-	*RICINOLEIC ACID, ESTERS WITH ALCOHOLS, ALIPH., MONOH.	9	Bx	Rx					+	
	83775	26402-31-3	RICINOLEIC ACID, ESTERS WITH 1,2-PROPANEDIOL	D	D					Cov.by 82640,83280	+	
	83790	15467-06-8	RICINOLEIC ACID, LITHIUM SALT	2	Ax	M52/M49	672,1040//	L2 (= 0.7 mg/kg b.w.) for ricinoleic acid. L2 for the Lithium. Group TDI: 0.01 mg/kg b.w. (as Li). See references for 38000 in L2 in this report.	SML(T) = 0.6 mg/kg (expressed as Li)			+
	83805		RICINOLEIC ACID, MANGANESE SALT	2-2	Ax	M52/M49	1083//	L2 for ricinoleic acid. TDI: 0.7 mg/kg b.w. See references for ricinoleic acid. L2 for the Mn. Group TDI: 0.01 mg/kg b.w. (as Mn). See references for 30180 in L2 in this report.	SML(T16) = 0.6 mg/kg (as Mn)			+
+	83820		*RICINOLEIC ACID, ZIRCONIUM SALT	7	Bx	M54/M52	1083/2091/ /	L2 (=0.7 mg/kg bw) for ricinoleic acid. L7 for zirconium. See references for 54220.				+
	83840	08050-09-7	ROSIN	2	A4	Rx	1503	Group TDI: 1 mg/kg b.w. (SCF, 17th Series, 1986).			+	+
	83880	09010-69-9	ROSIN ACIDS, ZINC SALT	D	D					Cov.by 83520	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
+	83920	-	*ROSIN DERIVATIVES	9	Bx	M56/M49	1279,1280, 1762//				+	+
	84000	08050-31-5	ROSIN, ESTER WITH GLYCEROL	1	A4	M50/Rx	1623//	ADI= 12.5 mg/kg bw. (SCF, 32th Series, 1992).		Same 24115	+	
	84080	08050-26-8	ROSIN, ESTER WITH PENTAERYTHRITOL	2	A4	Rx		Group TDI= 1 mg/kg b.w. Included in the group TDI for colophony of 1 mg/kg b.w. (SCF, 6th Series, 1978) also including rosins (SCF, 17th Series, 1986).			+	
+	84210	65997-06-0	ROSIN HYDROGENATED	2	A4	M56/M50	1279//	Group TDI: 1 mg/kg bw. Included in the TDI for 24070/24130/24190/83610/83840/84080/ 84320/84400/84420. (SCF, 17th Series, 1986).		S1(83920)/Name changed from "Fully" or "Partially"	+	+
	84240	65997-13-9	ROSIN, HYDROGENATED, ESTER WITH GLYCEROL	3	A4	M52		Toxicologically acceptable.			+	
	84320	08050-15-5	ROSIN, HYDROGENATED, ESTER WITH METHANOL	2	A4	Rx		Group TDI= 1 mg/kg b.w. Included in the group TDI for colophony of 1 mg/kg b.w. (SCF 6th, Series 1978) also including rosins (SCF, 17th Series, 1986).			+	+
	84400	64365-17-9	ROSIN, HYDROGENATED, ESTER WITH PENTAERYTHRITOL	2	A4	Rx		Group TDI= 1 mg/kg b.w. Included in the group TDI for colophony of 1 mg/kg b.w. (SCF, 6th Series 1978) also including rosins (SCF, 17th Series, 1986).			+	
+	84420	65997-06-0	ROSIN, PARTIALLY HYDROGENATED	2	D	M56/M50	1280//	Group TDI: 1 mg/kg bw. Included in the TDI for 24070/24130/24190/83610/83840/84080/84210 84320/84400. (SCF, 17th series, 1986).		S1(83920)/Cov. by 84210	+	+
	84440		*ROTAMO	9	Bx	M49	1083					+
	84480	09006-03-5	*RUBBER, CHLORINATED	9	Bx	Rx				Same 24220	+	
	84560	09006-04-6	RUBBER, NATURAL	3	A4	M35		Migration unlikely.		Same 24250	+	+
	84570		*RUBBER, SYNTHETIC	9	Bx		462,463/			PO,PS	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	84640	00069-72-7	SALICYLIC ACID	3	A4	M43/M42		Naturally occurring in food in low concentration.			+	+
	84720	00118-58-1	*SALICYLIC ACID, BENZYL ESTER	7	Bx	Rx		Needed: hydrolysis data.			+	
	84800	00087-18-3	SALICYLIC ACID, 4-tert-BUTYLPHENYL ESTER	2	A5	Rx	92	TDI: 0.2 mg/kg b.w. 2-year oral rat study. (RIVM March 1972).	SML= 12 mg/kg		+	+
	84880	00119-36-8	SALICYLIC ACID, METHYL ESTER	1	A5	Rx	93	ADI: 0.5 mg/kg b.w. (JECFA 11 M., 1967).	SML= 30 mg/kg	PAM	+	+
	84960	00118-55-8	*SALICYLIC ACID, PHENYL ESTER	7	Bx	Rx	94	Needed: hydrolysis data.			+	+
	84990	12344-48-8	*SATIN WHITE	9	Bx	M49	1083					+
	85030	00111-20-6	SEBACIC ACID	D	D					M	+	
+	85040	-	*SEBACIC ACID, ALKYL (C6-C12) ESTERS	9	Bx	M54/M46 /Rx	956/2117//	Group R: 0.05 mg/kg b.w.	SML(Tpl) = 3 mg/kg	PVC	+	
+	85120	00122-62-3	*SEBACIC ACID, BIS(2-ETHYLHEXYL) ESTER	6B	Bx	M54/M46 /Rx	956/2117//	Group R: 0.05 mg/kg b.w. Available: Ames test and 3-week oral rat study. Needed: remaining toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg	PVC	+	+
+	85200	27214-90-0	*SEBACIC ACID, BIS(6-METHYLHEPTYL) ESTER	6B	Bx	M54/M46 /Rx	956,2117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg	PVC	+	
	85280	52829-07-9	*SEBACIC ACID, BIS(2,2,6,6-TETRAMETHYL-4-PIPERIDYL) ESTER	7-P	Bx	Rx	1868+,2277 (M)(RIVM)	Available: 90-day oral rat and dog studies on photoactivated product. (RIVM doc., September 1977, Ciba-Geigy 1974). Needed: mutagenicity studies on photoactivated product.		PA,PMMA,PO	+	
+	85360	00109-43-3	*SEBACIC ACID, DIBUTYL ESTER	6B-P	Bx	M54/M49 /M46	1802+,2117 //2193*,2363(F)(RIVM-TNO)	Group R: 0.05 mg/kg b.w. Available: 2-year oral rat study and reproduction study in rats both inadequate. 3 mutagenicity tests (reports not available). Needed: remaining toxicological data depending on migration level (see SCF guidelines), reports on mutagenicity studies and, if migration exceeds	SML(Tpl) = 3 mg/kg		+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								0.050 mg/kg, peroxisome proliferation studies too. (RIVM doc. February 1992)				
+	85440	00106-79-6	*SEBACIC ACID, DIMETHYL ESTER	6B	Bx	M54/M46 /Rx	956,2117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg peroxisome proliferation studies too.	SML(Tp1) = 3 mg/kg	PET,PVC/Same 24370	+	
+	85520	02432-87-3	*SEBACIC ACID, DI-n-OCTYL ESTER	6B	Bx	M54/M46 /Rx	956,2117//	Group R: 0.05 mg/kg b.w. Available: "data inadequate"(extract from Lefaux book". Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tp1) = 3 mg/kg		+	+
	85550	09000-59-3	SHELLAC	1	Ax	M49	1083//	ADI: acceptable. (SCF, 26th Series, 1992).		Same 24440		+
	85570		*SILANE COUPLED SILICA PREPARED FROM THE REACTION OF MICROCRYSTALLINE QUARTZ WITH N-BETA-(N-VINYL-BENZYLAMINO)ETHYL-GAMMA-AMINOPROPYLTRIMETHOXYSILANE, MONOHYDROGEN CHLORIDE	9	Bx	M49	1083				+
+	85580	07631-86-9	SILICA	D	D					Same 86240	+	
	85600	-	SILICATES, NATURAL	3	A4	Rx		Free from asbestos. Inert, insoluble material. Some specific silicates have been allocated an ADI, not specified (SCF 1988, in press)			+	
+	85680	01343-98-2	SILICIC ACID	2	D	Rx		TDI: not specified based on ADI: not specified for silicon dioxide.	See "85980"		+	+
	85700	12650-28-1	SILICIC ACID, BARIUM SALT	3	Ax	M50/M49	672,1584//	L3 for silicic acid. L3 for Barium. R: 1 mg/kg in food. (Rivm doc., May 1992 (CS/PM/1584)).	SML(T13) = 1 mg/kg (as Ba)			+
	85760	12068-40-5	SILICIC ACID, LITHIUM ALUMINIUM SALT(2:1:1)	2-3	A5	M52/M50 /M37	1040//	L2 for Li Group TDI: 0.01 mg/kg b.w. (as Li). See references for 38000 in L2 in this report. L2 for Al	SML(T)= 0.6 mg/kg (expressed as Li)	PTFE	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								TDI: 1 mg/kg bw (as Al) based on PTWI: 7 mg/kg bw (as Al). (SCF, 25th Series, 1991). L3 for silicic acid. Inert, insoluble material.				
	85840	53320-86-8	SILICIC ACID, LITHIUM MAGNESIUM SODIUM SALT	2-3	A5	M52/M37	1040//	Group TDI: 0.01 mg/kg b.w. (as Li). See references for benzoic acid, lithium salt. L3 for silicic acid. Inert, insoluble material.	SML(T)= 0.6 mg/kg (expressed as Li)	A	+	
	85920	12627-14-4	SILICIC ACID, LITHIUM SALT	2-3	A5	M52/M37	1040//	Group TDI: 0.01 mg/kg b.w. (as Li). See references for benzoic acid, lithium salt. L3 for silicic acid. Inert and insoluble material.	SML(T)= 0.6 mg/kg (expressed as Li)	A	+	
+	85980	-	SILICIC ACID, SALTS	2	A4	M57		TDI: not specified, based on ADI: not specified for silicon dioxide.		See 85680	+	+
	86000	-	SILICIC ACID, SILYLATED	3	A4	Rx	2257//	Inert material.			+	+
+	86030	04766-57-8	*SILICIC ACID, TETRABUTYL ESTER	8	Bx	M55	1287//				+	
+	86050	00078-10-4	*SILICIC ACID, TETRAETHYL ESTER	8	Bx	M55	1287//			Same 25085	+	
+	86080	10101-52-7	*SILICIC ACID, ZIRCONIUM SALT	7	Bx	M54/M52	2091//	L3 for silicic acid. L7 for zirconium. See references for 54220.			+	+
	86160	00409-21-2	SILICON CARBIDE	3	A4	Rx		Inert material.			+	+
	86240	07631-86-9	SILICON DIOXIDE	1	A4	M57/Rx		ADI: not specified. (SCF, Rx).			+	+
	86260	-	*SILICON DIOXIDE AMORPHOUS, FLUORINATED	8	Bx	M49	2257 (Jasoigne)			A	+	
+	86280	-	SILICON DIOXIDE AMORPHOUS, SILANATED	3-D	D	M49	2257/	Inert material.		A/same 86000	+	
	86300	63148-62-9	*SILICONE OILS	9	Bx	M46	672/1523*					+
	86320		*SILICONES	9	Bx		462,463/			PS	+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
86340	11126-22-0	*SILICON OXIDE	9	Bx	M49	1083			A		+
86400	?	*SILOXANES AND SILICONES, DIMETHYL, ETHYL HYDROGEN, REACTION PRODUCTS WITH POLYETHYLENEGLYCOL MONOALLYL ETHER	9	Bx	M45/M37	91,149/				+	
86402	68037-78-5	*SILOXANES AND SILICONES, DIMETHYL, HEXADECYLMETHYL, METHYL OCTADECYL	9	Bx	M51	990,1062			S1(69848), S2(69855)	+	+
86404	?	*SILOXANES AND SILICONES, DIMETHYL, HEXADECYLMETHYL, OCTADECYL METHYL, 11-METHOXY-11-OXOUNDECYLMETHYL	9	Bx	M51	990,1062			S1(69848), S2(69855)	+	+
86406	68937-54-2	*SILOXANES AND SILICONES, DIMETHYL, 3-HYDROXYPROPYL METHYL, ETHOXYLATED	9	Bx	M51	990,1062			S1(69848), S2(69870)	+	+
86408	68937-55-3	*SILOXANES AND SILICONES, DIMETHYL, 3-HYDROXYPROPYL METHYL, ETHOXYLATED PROPOXYLATED	9	Bx	M51	990,1062			S1(69848), S2(69870)	+	+
86410	129893-29-4	*SILOXANES AND SILICONES, DIMETHYL, HYDROXY-TERMINATED, ETHERS WITH POLYETHYLENE-POLYPROPYLENEGLYCOL MONOBUTYL ETHER	9	Bx	M51	1661			S1(69848), S2(69870)	+	+
86412	67762-96-3	*SILOXANES AND SILICONES, DIMETHYL, HYDROXY-TERMINATED, ETHERS WITH POLYPROPYLENEGLYCOL MONOBUTYL ETHER	9	Bx	M51	1661			S1(69848), S2(69870)	+	+
86414	64365-23-7	*SILOXANES AND SILICONES, DIMETHYL, HYDROXY-TERMINATED, ETHOXYLATED PROPOXYLATED	9	Bx	M51	990,1062			S1(69848), S2(69855)	+	+
86416	67762-83-8	*SILOXANES AND SILICONES, DIMETHYL, METHYLOCTADECYL	9	Bx	M51	990,1062			S1(69848), S2(69855)	+	+
86418	68554-66-5	*SILOXANES AND SILICONES, DIMETHYL, POLYMERS WITH METHYLSILSESQUIOXANES, ETHOXY-TERMINATED	9	Bx	M51	990,1062			S1(69848), S2(69855)	+	+
86420	68554-67-6	*SILOXANES AND SILICONES, DIMETHYL, POLYMERS WITH METHYLSILSESQUIOXANES, HYDROXY-TERMINATED	9	Bx	M51	990,1062			S1(69848), S2(69855)	+	+
86422	68554-65-4	*SILOXANES AND SILICONES, DIMETHYL, POLYMERS WITH METHYLSILSESQUIOXANES AND	9	Bx	M51	990,1062//			S1(69848), S2(69855)	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
			POLYETHYLENE-POLYPROPYLENEGLYCOL MONOBUTYL ETHER									
	86424	68554-64-3	*SILOXANES AND SILICONES, DIMETHYL, POLYMERS WITH METHYLSILSESQUIOXANES AND POLYPROPYLENEGLYCOL MONOBUTYL ETHER	9	Bx	M51	990,1062			S1(69848), S2(69855)	+	+
+	86430	-	*SILVER CHLORIDE (20% w/w) COATED ONTO TITANIUM DIOXIDE (80/% w/w)	P			2347 (F)(RIVM)					+
	86440		SODIUM ALUMINATE	2	Ax	M50	1083//	TDI: 1 mg/kg bw (as Al) based on PTWI : 7 mg/kg b.w. (as Al). (SCF, 25th Report, 1991).				+
	86480	07631-90-5	SODIUM BISULPHITE	1	A5	Rx		Group ADI: 0.7 mg/kg b.w. (JECFA 27 M., 1983).	SML(T)= 42 mg/kg (expressed as SO2)		+	+
+	86560	07647-15-6	SODIUM BROMIDE	1	A4	M38	302,355//	Group ADI: 1 mg/kg b.w. (as Br) as pesticide residue. See references for ammonium bromide in list 2.		PA	+	
	86640	09004-32-4	SODIUM CARBOXYMETHYLCELLULOSE	D	D	M35		Group TDI not specified for natural, regenerated and modified cellulose (SCF 7th Report, 1978 and JECFA 17 M., 1973 and followin g).		A/Cov.by 42640	+	
	86655	-	*SODIUM DIALKYLSULPHONIMIDES	9	Bx	M49				PVC	+	
	86670	07775-14-6	*SODIUM DITHIONITE	8	Bx	M49	1083			PVA		+
	86720	01310-73-2	SODIUM HYDROXIDE	1	A4	M37		ADI: not specified. (SCF, Rx).			+	+
	86800	07681-82-5	SODIUM IODIDE	1	A5	Rx		PMTDI: 0.017 mg/kg b.w. (as I) (JECFA 33 M., 1988).	SML(T)= 1.0 mg/kg (expressed as I)	PA	+	
	86880	-	SODIUM MONOALKYL DIALKYLPHENOXYBENZENEDISULPHONATE	2	A5	Rx	455	t-TDI= 0.15 mg/kg b.w. pending reproduction and teratogenicity studies. Available: 2-year oral rat and dog studies.	SML= 9 mg/kg	See CS/PM/182	+	
+	86920		*SODIUM NITRITE	P			2272,2288 (Elias)				+	
	86960	07757-83-7	SODIUM SULPHITE	1	A5	Rx		Group ADI: 0.7 mg/kg b.w. (JECFA 27 M., 1983).	SML(T)= 42 mg/kg (expressed as SO2)		+	+
	87040	01330-43-4	SODIUM TETRABORATE	2	A5	Rx		Group TDI: 0.2 mg/kg b.w. (as B). See references for boric acid.	SML(T)= 12 mg/kg (expressed as B)		+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	87120	07772-98-7	SODIUM THIOSULPHATE	1	A5	M35		Group ADI: 0.7 mg/kg b.w. as SO2. Included in the group ADI for sulphites. (JECFA 27 M., 1983).	SML(T)= 42 mg/kg (expressed as SO2)		+	+
	87200	00110-44-1	SORBIC ACID	1	A4	Rx		ADI: 25 mg/kg b.w. (SCF, 6th Series, 1978).			+	+
	87280	29116-98-1	SORBITAN DIOLEATE	2	A4	Rx		Group TDI: 5 mg/kg b.w. based on the group ADI 5 mg/kg b.w. for sorbitan esters of lauric and oleic acids. (SCF, 7th Series, 1978).			+	
	87360	-	*SORBITAN, ESTERS WITH ACIDS, ALIPH., MONOCARB. (MORE THAN C5)	9	Bx	Rx					+	+
	87440	71902-01-7	*SORBITAN ISOSTEARATE	9	Bx	Rx					+	
	87520	62568-11-0	SORBITAN MONOBEHENATE	2	A4	Rx		Group TDI= 5 mg/kg b.w. based on the group ADI 5 mg/kg b.w., for sorbitan esters of lauric and oleic acids. (SCF, 7th Series, 1978).			+	
+	87560	?	*SORBITAN MONOISOSTEARATE	8	Bx	M55	1665//			S1(87360)	+	
	87600	01338-39-2	SORBITAN MONOLAURATE	1	A4	Rx		Group ADI: 5 mg/kg b.w. for sorbitan monolaurate and sorbitan monooleate. (SCF, 7th Series, 1978).			+	+
	87680	01338-43-8	SORBITAN MONOOLEATE	1	A4	Rx		Group ADI: 5 mg/kg b.w. for sorbitan monolaurate and sorbitan monooleate. (SCF, 7th Series, 1978).			+	+
	87760	26266-57-9	SORBITAN MONOPALMITATE	1	A4	Rx		Group ADI: 25 mg/kg b.w. for sorbitan monostearate, sorbitan monopalmitate and sorbitan tristearate. (SCF, 7th Series, 1978).			+	+
	87840	01338-41-6	SORBITAN MONOSTEARATE	1	A4	Rx		Group ADI: 25 mg/kg b.w. for sorbitan monostearate, sorbitan monopalmitate and sorbitan tristearate. (SCF, 7th Series, 1978).			+	+
	87880	08007-43-0	*SORBITAN SESQUIOLEATE	7	Bx	M49	1083/	Needed : hydrolysis data.		Cov.by 87360		+
	87920	61752-68-9	SORBITAN TETRASTEARATE	2	A4	Rx		Group TDI: 5 mg/kg b.w. based on the group ADI 5 mg/kg b.w. for sorbitan esters of lauric and oleic			+	

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							acids. (SCF, 7th Series, 1978).				
88000	54392-27-7	*SORBITAN TRIISOSTEARATE	9	Bx	Rx					+	
88080	26266-58-0	SORBITAN TRIOLEATE	2	A4	Rx		Group TDI: 5 mg/kg b.w. based on the group ADI 5 mg/kg b.w. for sorbitan esters of lauric and oleic acids. (SCF, 7th Series, 1978).			+	+
88160	54140-20-4	SORBITAN TRIPALMITATE	2	A4	Rx		Group TDI: 5 mg/kg b.w. based on the group ADI 5 mg/kg b.w. for sorbitan esters of lauric and oleic acids. (SCF, 7th Series, 1978).			+	
88240	26658-19-5	SORBITAN TRISTEARATE	1	A4	Rx		Group ADI: 25 mg/kg b.w. for sorbitan monostearate, sorbitan monopalmitate and sorbitan tristearate. (SCF, 7th Series, 1978).			+	+
88320	00050-70-4	SORBITOL	1	A4	Rx		Acceptable. (SCF, 16th Series, 1985).		Same 24490	+	+
88400	-	*SORBITOL, ESTERS WITH ACIDS, ALIPH., MONOCARB. (MORE THAN C5)	9	Bx	Rx	1287,1461*				+	+
88480	-	*SORBITOL, ESTERS WITH ACIDS, HYDROXYLATED, MONOCARB. (C12-C20)	9	Bx	Rx					+	
88495		*SORBITOL, ESTERS WITH ERUCIC ACID	7	Bx	M49	1083/	Needed : hydrolysis data.		Cov.by 88400		+
88510		*SORBITOL, ESTERS WITH LAURIC ACID	7	Bx	M49	1083//	Needed : hydrolysis data.		Cov. by 88400		+
88520		*SORBITOL, ESTERS WITH LINOLEIC ACID	7	Bx	M49	1083/	Needed : hydrolysis data.		Cov.by 88400		+
88530		*SORBITOL, ESTERS WITH MYRISTIC ACID	7	Bx	M49	1083/	Needed: hydrolysis data.		Cov.by 88400		+
88540		*SORBITOL, ESTERS WITH OLEIC ACID	7	Bx	M49	1083/	Needed: hydrolysis data.		Cov.by 88400		+
88550		*SORBITOL, ESTERS WITH PALMITIC ACID	7	Bx	M49	1083/	Needed : hydrolysis data.		Cov.by 88400		+
88560		See "88600"	D	D						+	
88570		*SORBITOL, ESTERS WITH PELARGONIC ACID	7	Bx	M49	1083/	Needed : hydrolysis data.		Cov.by 88400		+
88580		*SORBITOL, ESTERS WITH RICINOLEIC ACID	7	Bx	M49	1083/	Needed : hydrolysis data.		Cov.by 88480		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	88590		*SORBITOL, ESTERS WITH STEARIC ACID	7	Bx	M49	1083/	Needed : hydrolysis data.		Cov.by 88400		+
	88600	26836-47-5	SORBITOL MONOSTEARATE	2	A4	Rx		TDI= not specified based on the ADI for sorbitol. (SCF, 17th Series, 1986).			+	
	88615/0	68153-28-6	SOYA PROTEIN	0	Ax	M52/M49	1083//					+
	88615/1	68153-28-6	*SOYA PROTEIN	9	Bx	M49	1083					+
	88630/0	08001-22-7	SOYBEAN OIL (food grade quality)	D	D	M52/M49	1083//					+
	88630/1	08001-22-7	SOYBEAN OIL	3	Ax	M52/M49	1083//	Food fat.		Same 24520		+
	88640	08013-07-8	SOYBEAN OIL, EPOXIDIZED	2-P	A5	M44/Rx	2353+ (Nielsen/RIVM)	t-TDI: 1 mg/kg b.w. Available: 15-week and 2-year oral rat studies and 1-year oral dog study. (Bibra report n. 515/86; summary report prepared by UK January 1988). Needed: reproduction and teratogenicity studies.	Oxirane < 8%, iodine number < 6		+	+
	88650	68308-53-2	*SOYBEAN OIL FATTY ACIDS, POLYMERIZED	D	D						+	
+	88680	08002-23-1	*SPERMACETI WAX	8	Bx	M55	1083//					+
	88710	08002-24-2	*SPERM OIL	8	Bx	M52	1083//					+
	88720	-	*SPERM OIL, HYDROGENATED	8	BX	M52/Rx					+	
	88740		*SPERM OIL, SULPHATED, AMMONIUM, POTASSIUM, OR SODIUM SALT	9	Bx	M49	1083					+
	88800	09005-25-8	STARCH, EDIBLE	0	A4	Rx	246/1609/1657/1689/				+	+
	88880	68412-29-3	STARCH, HYDROLYSED	0	A4	Rx	246				+	
+	88910		*STARCH, MODIFIED	9	Bx	M55/M49	246,1083,1505//					+
	88960	00124-26-5	*STEARAMIDE	7	Bx	M53/M47/M44/M42/R29	1869+//2101	Available: Ames test negative and migration data. (Rivm doc. 1990-09-12). Hydrolysis<95% (doc. CS/PM/1023).			+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								Needed: 90-day oral study, gene mutation and chromosome aberration in mammalian cells, bioaccumulation to be performed with erucamide, oleamide, or stearamide or demonstrate full hydrolysis by method suggested by applicant (CS/PM/1550).				
	89040	00057-11-4	STEARIC ACID	1	D	Rx		ADI: not specified. (SCF, 25th Series, 1990).		Same 24550/Cov.by 31328	+	+
	89120	00123-95-5	*STEARIC ACID, BUTYL ESTER	7	Bx	Rx	1870+//	Needed: hydrolysis data.			+	+
+	89150	10119-53-6	*STEARIC ACID, CERIUM SALT	8	Bx	M54/M52	1083/2090/ /	L1(= not specified) for stearic acid. L8 for cerium.				+
	89165	13586-84-0	STEARIC ACID, COBALT SALT	1-3	Ax	M52	1083,1707/ /	L3 for Cobalt. R: 0.05 mg/kg of food (as Co). (RIVM, summary data, October 1992)(CS/PM/1707). L1 for stearic acid. See references for stearic acid.	SML(T14) = 0.05 mg/kg (as Co)			+
	89170	01002-88-6	STEARIC ACID, COBALT(II) SALT	1-3	A5	M52/M43	564,1707//	L3 for Cobalt. R: 0.05 mg/kg of food (as Co). (RIVM, summary data, October 1992)(CS/PM/1707). L1 for stearic acid. See references for stearic acid.	SML(T) = 0.05 mg/kg (as Co)	PET	+	
	89200	00660-60-6	STEARIC ACID, COPPER (II) SALT	1	A5	Rx		PMTDI: 0.5 mg/kg b.w. (as Cu). (JECFA 26 M., 1982).	SML(T)= 30 mg/kg (expressed as Cu)	PA	+	
+	89240	01323-83-7	STEARIC ACID, DIGLYCERIDE	D	D	M52				Same as 56320	+	
	89280	05303-25-3	*STEARIC ACID, DODECYL ESTER	7	Bx	Rx	1742*	Needed: hydrolysis data.			+	
	89360	-	*STEARIC ACID, ESTERS WITH ALCOHOLS, ALIPH.(C4-C22)	7	Bx	Rx		Needed: hydrolysis data.			+	
	89440	-	STEARIC ACID, ESTERS WITH ETHYLENEGLYCOL	2	A5	Rx		TDI: 0.5 mg/kg b.w. (SCF, 6th Series, 1978).	SML(T4)= 30 mg/kg (expressed as diethyleneglycol)		+	
	89520	08045-34-9	*STEARIC ACID, ESTERS WITH	7-P	Bx	Rx	1287*,1742	Needed: hydrolysis data.			+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
			PENTAERYTHRITOL				*,2139 (Rossi)					
	89600	00111-61-5	*STEARIC ACID, ETHYL ESTER	7	Bx	Rx		Needed: hydrolysis data.			+	
	89680	22047-49-0	*STEARIC ACID, 2-ETHYLHEXYL ESTER	7	Bx	Rx		Needed: hydrolysis data.		PVC	+	
	89760	26739-53-7	*STEARIC ACID, GUANIDINE SALT	W	D					A/L8	+	
	89840	24466-84-0	*STEARIC ACID, HEPTYL ESTER	7	Bx	Rx		Needed: hydrolysis data.			+	
	89920	01190-63-2	*STEARIC ACID, HEXADECYL ESTER	7	Bx	Rx		Needed: hydrolysis data.			+	
	89950	03460-37-5	*STEARIC ACID, HEXYL ESTER	7	Bx	M49		Needed: hydrolysis data.		PS	+	+
	89970	05136-76-5	STEARIC ACID, IRON SALT	D	D						+	
	90000	00646-13-9	*STEARIC ACID, ISOBUTYL ESTER	7	Bx	Rx		Needed: hydrolysis data.		PET	+	
	90080	31565-38-5	*STEARIC ACID, ISODECYL ESTER	8	Bx	Rx				PVC	+	
	90160	52652-59-2	*STEARIC ACID, LEAD (DIBASIC) SALT	D	D					Only for water pipes	+	
	90240	07428-48-0	*STEARIC ACID, LEAD SALT	D	D					Only for water pipes	+	
	90260	04485-12-5	STEARIC ACID, LITHIUM SALT	1-2	Ax	M52/M49	1040,1083//	L1 (= not specified) for stearic acid. L2 for the Li. Group TDI: 0.01 mg/kg b.w. (as Li). See references for 38000 in L2 in this report.	SML(T) = 0.6 mg/kg (expressed as Li)	Cov.by 31120		+
	90290	10476-84-3	STEARIC ACID, MANGANESE SALT	1-2	Ax	M52/M49	1083//	L1 for stearic acid. ADI: not specified. See references for stearic acid. L2 for the Mn. Group TDI: 0.01 mg/kg b.w. (as Mn). See references for 30180 in L2 in this report.	SML(T16) = 0.6 mg/kg (as Mn)	Cov.by 31120		+
+	90305	28084-19-7	*STEARIC ACID, NONYL ESTER	9	Bx	M55	949//			S1(31200)	+	
	90320	02778-96-3	*STEARIC ACID, OCTADECYL ESTER	7	Bx	Rx	1287*,1742	Needed: hydrolysis data.			+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	90400	00109-36-4	*STEARIC ACID, OCTYL ESTER	7	Bx	Rx		Needed: hydrolysis data.			+	+
	90480	06382-13-4	*STEARIC ACID, PENTYL ESTER	7	Bx	Rx		Needed: hydrolysis data			+	
	90560	14351-40-7	*STEARIC ACID, 2-STEARAMIDOETHYL ESTER	7	Bx	Rx	2139	Needed: hydrolysis data.			+	
	90600	06994-59-8	STEARIC ACID, TIN(II) SALT	1-1	Ax	M52/M49	1083/	L1 for the stearic acid. ADI: not specified. See references for stearic acid. L1 for the Tin. PTWI: 14 mg/kg b.w. (33rd, JECFA, 1989)		Cov.by 31120		+
	90640	31556-45-3	*STEARIC ACID, TRIDECYL ESTER	7	Bx	Rx		Needed: hydrolysis data.			+	
+	90680	15844-92-5	*STEARIC ACID, ZIRCONIUM SALT	7	Bx	M54/M52	1083,2081/ /	L1(=not specified) for stearic acid. L7 for zirconium. See references for 54220.				+
	90720	58446-52-9	STEAROYLBENZOYLMETHANE	2	A4	Rx	186	TDI: 1.5 mg/kg b.w. 30-day oral rat, 90-day oral dog, 2-generation oral rat studies, mutagenicity and migration data. (RIVM report June 1979).		PVC	+	+
	90800	05793-94-2	STEAROYL-2-LACTYLIC ACID, CALCIUM SALT	1	A4	Rx		ADI: 20 mg/kg b.w. (SCF, 7th Series, 1978).			+	+
+	90840	05793-94-2	*2-(2-STEAROYLOXYPROPIONYL)OXY)PROPIONIC ACID, CALCIUM SALT	D	D					Same as 90800	+	
	90880	00142-48-3	*N-STEAROYLSARCOSINE	8	Bx	Rx	130				+	
	90930		*STYRENE COPOLYMERS	9	Bx		462,463/			PPO,PS,PUR,PVC, PVDC	+	
	90960	00110-15-6	SUCCINIC ACID	1	A4	M41/Rx		ADI: not specified. (SCF, 25th Series, 1990).		Same 24820	+	
	91040	28801-70-9	*SUCCINIC ACID, DIISODECYL ESTER	8	Bx	Rx	1287			PVC	+	
	91120	28880-24-2	*SUCCINIC ACID, DIISOOCTYL ESTER	8	Bx	Rx	1287			PVC	+	
	91135	00106-65-0	*SUCCINIC ACID, DIMETHYL ESTER	7	Bx	M46	672/	Needed: hydrolysis data.		Same 24835		+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
+	91150	65447-77-0	SUCCINIC ACID, DIMETHYL ESTER-(4-HYDROXY-2,2,6,6- TETRAMETHYL PIPERIDYL)ETHANOL, COPOLYMER	D	D	M49				Same 60800	+	
	91170	00108-30-5	SUCCINIC ANHYDRIDE	2	Ax	M49	1083/	TDI: not specified based on ADI (=not specified) for succinic acid.		Same 24850		+
	91185	00057-50-1	SUCROSE	0	Ax	M49	1083/			Same 24880		+
	91200	00126-13-6	SUCROSE ACETATE ISOBUTYRATE	1	A4	M51	96,1561//1 727,1728//	ADI: 10 mg/kg bw. (SCF, Series.. in press)(cs/pm/1561).			+	+
	91280	-	*SUCROSE ESTERS OF MONOCARB. ACIDS	9	Bx	Rx					+	
	91360	00126-14-7	SUCROSE OCTAACETATE	3	A4	Rx		Bitter taste.			+	
+	91400	03375-11-9	*3,3'-SULPHONYL-BIS(BENZENESULPHONIC ACID)DIHYDRAZIDE	D	D					D/Same as 51600	+	
	91440	-	*SULPHORICINIC ACID, SALTS	9	Bx	M49				A	+	
	91480		*SULPHORICINOLEIC ACID	8	Bx	M49	1083			Cov.by 31040		+
	91520	05138-18-1	*SULPHOSUCCINIC ACID	8	Bx	Rx				PS	+	
+	91540	-	*SULPHOSUCCINIC ACID, ALKYL(C4-C20) ESTERS, SALTS	9	Bx	M54/Rx	1803+,2117 //	Group R: 0.05 mg/kg bw.	SML(Tpl) = 3 mg/kg		+	+
+	91545	90268-36-3	*SULPHOSUCCINIC ACID, ALKYL(C12-C18) ESTERS, DISODIUM SALT	P			1500 (Bohme-Eli as)				+	
+	91560	02373-38-8	*SULPHOSUCCINIC ACID, BIS(1,3-DIMETHYLBUTYL) ESTER, SODIUM SALT	6B-P	Bx	M54/M49	1871+2117/ /1500 (Bohme-Eli as)	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies.	SML(Tpl) = 3 mg/kg	S1(91600)	+	
+	91570	10041-19-7	*SULPHOSUCCINIC ACID, BIS(2-ETHYLHEXYL)ESTER	6B	Bx	M54	1872+,2044 ,2117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and if migration exceeds 0.050 mg/kg peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg	S1(91600)	+	+
+	91572	00577-11-7	*SULPHOSUCCINIC ACID, BIS(2-ETHYLHEXYL)ESTER, SODIUM SALT	P			1500 (Bohme-Eli			S1(91570)	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
							as)					
	91580	23386-52-9	*SULPHOSUCCINIC ACID, DICYCLOHEXYL ESTER, SODIUM SALT	B	Bx	M49	825,1201*, 1250*//			S1(91600)	+	+
	91600		See "91540"	D	D						+	+
+	91630	03006-15-3	*SULPHOSUCCINIC ACID, DIHEXYL ESTER, SODIUM SALT	6B	Bx	M54/M49	829,1287,1466*,2117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg	S1(9600)	+	
+	91650	00127-39-9	*SULPHOSUCCINIC ACID, DIISOBUTYL ESTER, SODIUM SALT	6B	Bx	M54/M49	825,1200*, 1250*,2117	Group R: 0.050 mg/kg bw. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg bw, peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg	S1(91600)	+	
+	91665	29857-13-4	*SULPHOSUCCINIC ACID, DIISODECYL ESTER, SODIUM SALT	6B	Bx	M54	1338,1433, 2044,2117//	Group R: 0.05 mg/kg bw. Needed: toxicological data depending on migration level(see SCF guidelines) and, if migration exceeds 0.050 mg/kg peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg	S1(91540)	+	+
+	91672	55184-72-0	*SULPHOSUCCINIC ACID, DIISOTRIDECYL ESTER, SODIUM SALT	6B-P	Bx	M54	1427*,2044,2117//1500	Group R: 0.05 mg/kg bw. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg	S1(91540)	+	
+	91680	01639-66-3	*SULPHOSUCCINIC ACID, DIOCTYL ESTER, SODIUM SALT	6B	Bx	M54/Rx	1873+,2117//	Group R: 0.05 mg/kg bw. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg		+	+
+	91720	00922-80-5	*SULPHOSUCCINIC ACID, DIPENTYL ESTER, SODIUM SALT	6B	Bx	M54/M49	825,1250*, 2117//	Group R: 0.05 mg/kg bw. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.05 mg/kg peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg	S1(91600)	+	
+	91760	02673-22-5	*SULPHOSUCCINIC ACID, DITRIDECYL ESTER, SODIUM SALT	6B	Bx	M54/Rx	1199*,1287,2117//	Group R: 0.05 mg/kg bw. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation	SML(Tpl) = 3 mg/kg	PVDC	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								studies too.				
+	91780	67893-42-9	*SULPHOSUCCINIC ACID, 4-[2-[(12-HYDROXY-1-OXOOLEYL)-AMINO]ETHYL]ESTER, DISODIUM SALT	W8	D	M56	1435*,1682 //			New subst	+	
+	91800	37294-49-8	*SULPHOSUCCINIC ACID, ISODECYL ESTER, DISODIUM SALT	68	Bx	M54/M49	825,1250*, 2117//	Group R: 0.05 mg/kg bw. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.05 mg/kg peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg	S1(91600)	+	
	91840	07704-34-9	SULPHUR	3	A4	Rx		Inert material.			+	+
	91920	07664-93-9	SULPHURIC ACID	1	A4	Rx		ADI: not specified. (SCF, Rx).			+	+
	92000	07727-43-7	SULPHURIC ACID, BARIUM SALT (soluble Ba free)	3	A5	M50/Rx	1584/	L3 for Barium. R: 1 mg/kg (as Ba) in food or in food simulant. (Rivm doc., May 1992 (CS/PM/1584)). L3 for the compound. Insoluble material.	SML(T) = 1 mg/kg (as Ba)		+	+
+	92020	10141-00-1	*SULPHURIC ACID, CHROMIUM (III) POTASSIUM SALT (2:1:1)	7	Bx	M56	1083/2039/ /	Needed: migration data in the first instance.				+
+	92030	07758-98-7	*SULPHURIC ACID, COPPER(II) SALT	2	A5	M58	2362 (id)(Rossi -Elias)	L1 for sulphuric acid. ADI = not specified. See references for sulphuric acid in list 1. L2 for copper(II). PMTDI: 0.5 mg/kg bw for copper (JECFA, 26M, 1982).	SML(T) = 30 mg/Kg (as Cu)	To be confirmed by SCF-WG	+	
	92040	12202-17-4 52732-72-6	*SULPHURIC ACID, LEAD (TRI- AND TETRABASIC) SALT	D	D					Only for water pipes	+	
	92060	07488-55-3	SULPHURIC ACID, TIN(II) SALT	1-1	Ax	M52/M49	1083//	L1 for sulphuric acid. ADI : not specified. See references for sulphuric acid in list 1. L1 for the tin. PTWI: 14 mg/kg b.w. (as Sn) (33rd, JECFA, 1989).				+
	92080	14807-96-6	TALC	1	A4	Rx	361/	ADI: not specified.		Cov.by 85600	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								(SCF, Rx).				
+	92100	61789-97-7	TALLOW	3	Ax	M55/M49	1083//	Toxicologically acceptable.				+
	92120		*TALLOW, SULPHATED, AMMONIUM, POTASSIUM, OR SODIUM SALT	9	Bx	M49	1083			Cov.by 54640		+
	92140	39386-78-2	*TAMARIND SEED GUM	9	Bx	M51	1083/					+
+	92150	01401-55-4	TANNIC ACIDS	1-P	A5	M55	1287,1740/ /2279 (Group)	ADI: 0.3 mg/kg b.w. (JECFA 39M., 1970).	SML = 18 mg/kg		+	
	92160	00087-69-4	TARTARIC ACID	1	A4	Rx		ADI: 30 mg/kg b.w. (SCF, Rx).			+	+
	92180	00087-92-3	*TARTARIC ACID, DIBUTYL ESTER	7	Bx	Rx		Needed: hydrolysis data.		CA	+	+
	92195	-	TAURINE SALTS	0	A4	M49				PUR/Cov.by 34880	+	
	92205	57569-40-1	TEREPHTHALIC ACID, DIESTER WITH 2,2'-METHYLENEBIS(4-METHYL-6-tert-BUTYLPHENOL)	2	A4	Rx		TDI: 1 mg/kg b.w. A 90-day oral rat study. (CIVO report 5569, December 1977).			+	+
	92220		*TERPENE RESINS	9	Bx	M49	1083					+
	92240		See "92180"	D	D						+	+
	92250	30345-49-4	*TETRABUTYLPHOSPHONIUM ACETATE	8	Bx	M46	672/					+
	92280		See "92205"	D	D						+	+
	92300	00112-72-1	1-TETRADECANOL	3	AxD	M46	672/	Included in 33120. Same references as 25070.		Same 25070/Cov.by 33120.		+
	92320	-	TETRADECYL-POLYETHYLENE OXIDE(3-8) ETHER OF GLYCOLIC ACID	2	A5	Rx	79	t-TDI: 0.25 mg/kg b.w. Available: 28- and 90-day oral rat studies. (CIVO/TNO 3108 October 1970, 3287 October 1970). Needed: mutagenicity studies and specify monomer content.	SML= 15 mg/kg	PO	+	
	92350	00112-60-7	TETRAETHYLENEGLYCOL	1	A4	M43	553/	ADI : 10 mg/kg b.w. (SCF, 17th Series, 1986).		Same 25090	+	
	92400	00097-77-8	*N,N'-TETRAETHYLTHIURAM DISULPHIDE	8	Bx	Rx				PE	+	+

U PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
92430	00109-99-9	TETRAHYDROFURAN	2	A5	M44		See references for same substance in monomer report.	SML = 0.6 mg/kg	PS/Same 25150	+	+
92450	00097-99-4	*TETRAHYDROFURFUROL	8	Bx	M49					+	
92480	-	*TETRAKIS(2,4-DI-tert-BUTYLPHENYL)-2,4'-BIPHENYLYLENE DIPHOSPHONITE	7	Bx	Rx	97	Needed: neurotoxicity study in hens.		Not in EINECS/To be del	+	
92560	38613-77-3	TETRAKIS(2,4-DI-tert-BUTYL-PHENYL)-4,4'-BIPHENYLYLENE DIPHOSPHONITE	2	A5	M42/Rx/M21	454,520/	TDI: 0.3 mg/kg b.w. 90-day oral rat study and mutagenicity studies. (Sandoz report 1979).	SML = 18 mg/kg		+	+
92640	00102-60-3	N.N.N.'N'-TETRAKIS(2-HYDROXYPROPYL)ETHYLENEDIAMINE	2	A4	Rx		TDI: 1 mg/kg b.w. (SCF, 17th Series, 1986).		Same 25180	+	+
92655	06683-19-8	TETRAKIS[METHYLENE(3,5-DI-tert-BUTYL-4-HYDROXY)HYDROCINNAMATE]METHANE	D	D					Same 71680	+	
92670	00075-57-0	*TETRAMETHYLAMMONIUMCHLORIDE	8	Bx	M46	672/					+
92685	00126-86-3	*2,4,7,9-TETRAMETHYL-5-DECYNE-4,7-DIOL	8	Bx	M46	672/1287,1463*					+
92695	40538-81-6	*1,1,7,7-TETRAMETHYLDIETHYLENETRIAMINE	8	Bx	M46	672/					+
92705	00111-18-2	*N,N,N',N'-TETRAMETHYLHEXAMETHYLENEDIAMINE	8	Bx	M46	672/					+
92720	00137-26-8	*N.N'-TETRAMETHYLTHIURAM DISULPHIDE	8	Bx	Rx				PE	+	+
92740	11067-82-6	*TETRAPROPYLENE BENZENE SULPHONIC ACID, SODIUM SALT	8	Bx	M51	1530/			S1(33680)	+	+
92760	00096-69-5	*THIOBIS(6-tert-BUTYL-m-CRESOL)	D	D					Same 92800	+	
92800	00096-69-5	4,4'-THIOBIS(6-tert-BUTYL-3-METHYLPHENOL)	2	A5	Rx	176	t-TDI: 0.008 mg/kg b.w. pending results of ongoing 2-year and reproduction studies. Available: 28- and 90-day oral rat studies, one in-vitro mutagenic test. (RIVM doc. 88/678608/007, 1 November 1988).	SML= 0.48 mg/kg		+	+
92820	13560-49-1	THIOBIS(ETHYLENEGLYCOL 3-AMINOCROTONATE)	D	D					Same 35120	+	
92840	00096-69-5	*THIOBIS(2-METHYL-4-HYDROXY-5-tert-BUTYL)BENZENE	D	D		1083			Same 92800	+	+

U	PM/REF N.	CAS N.	NAME -	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	92860	01762-95-4	*THIOCYANIC ACID, AMMONIUM SALT	8	Bx	M49	1083					+
	92880	41484-35-9	THIODIETHANOL BIS(3-(3,5-DI-tert-BUTYL-4-HYDROXY PHENYL) PROPIONATE	2	A5	M35	54,194/	TDI: 0.04 mg/kg b.w. 90-day oral rat study, mutagenicity studies. Desirable: migration data. (RIVM report 88/678608/009, 1989-01-24).	SML= 2.4 mg/kg		+	
	92900	41484-35-9	THIODIETHYLENEBIS(3,5-DI-tert-BUTYL-4-HYDROXYHYDROCINNAMATE)	D	D						+	
	92930	120218-34-0	THIODIETHANOL-BIS[5-METHOXYCARBONYL-2-6-DIMETHYL-1,4-DIHYDROPYRIDINE-3-CARBOXYLATE]	2	A5	M41/M40 /M39	305,336,357,358,567/	TDI: 0.1 mg/kg b.w. 90-day oral rat study, mutagenicity tests negative, absence of bioaccumulation. (CS/PM/305,336,358,460).	SML= 6 mg/kg	New subst.	+	
	92960	00111-17-1	*THIODIPROPIONIC ACID	8	Bx	M50/R1	3//				+	+
+	93000	10526-15-5	*THIODIPROPIONIC ACID, BIS(2-ETHYLHEXYL) ESTER	6B	Bx	M54/M49	1083,2044, 2117//	Group R: 0.05 mg/kg bw. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg			+
+	93040	-	*THIODIPROPIONIC ACID, DIBEHENYL ESTER	6B	Bx	M54/Rx	2117//	Group R: 0.05 mg/kg bw. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg	Not in EINECS/To be del	+	
	93120	00123-28-4	*THIODIPROPIONIC ACID, DIDODECYL ESTER	6B-P	Bx	M54/M50 /M46/R1	1804+,2044 ,2103,2117 //2348(F)(RIVM)	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg		+	+
+	93200	03287-12-5	*THIODIPROPIONIC ACID, DIHEXADECYL ESTER	6B	Bx	M54/Rx	1368*,2117 //	Group R: 0.05 mg/kg bw. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg		+	+
+	93280	00693-36-7	*THIODIPROPIONIC ACID, DIOCTADECYL ESTER	6B	Bx	M54/M50 /M46/R1	1805+,2117 //	Group R: 0.05 mg/kg bw. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg peroxisome proliferation studies too.	SML(Tpl) = 3 mg/kg		+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
+	93360	16545-54-3	*THIODIPROPIONIC ACID, DITETRADECYL ESTER	6B	Bx	M54/Rx	1368*,2117 //	Group R: 0.05 mg/kg bw. Needed: toxicological data depending on migration level (see SCF guidelines) and, if migration exceeds 0.05 mg/kg, peroxisome proliferation studies too.	SML(Tp1) = 3 mg/kg		+	+
	93375	71449-78-0	*THIOPHENOXYPHENYLSULPHONIUM HEXAFLUOROANTIMONATE	8	Bx	M46	672/		SML(T17) = 0.01 mg/kg (expressed as Sb)			+
	93390	68156-13-8	*THIOPHENOXYPHENYLSULPHONIUM HEXAFLUOROPHOSPHATE	8	Bx	M46	672/					+
	93415	07772-99-8	TIN(II) CHLORIDE	1	Ax	M39	1083/(Elias)	PTWI: 14 mg/kg b.w. (JECFA 1989)....				+
	93420	07646-78-8	TIN(IV) CHLORIDE	1	Ax	M46	672/	PTWI: 14 mg/kg b.w. (JECFA 33rd Report 1989).				+
	93440	13463-67-7	TITANIUM DIOXIDE	1	A4	Rx		Acceptable. (SCF, 1st Series, 1975).			+	+
	93470	20338-08-3	*TITANIUM HYDROXIDE	8	Bx	M49	1083					+
	93490	51745-87-0	*TITANIUM OXIDE	9	Bx	M38				A		+
	93520	00059-02-9 10191-41-0	alpha-TOCOPHEROL	1	A4	Rx	425/1140,1170	Acceptable. (SCF, 22th Series, 1989).		PE,PP,PS	+	
+	93540	00108-88-3	TOLUENE	3	A5	M53/M52		R: 1.2 mg/kg of food. See references for the same substance (PM REF. 25205) in monomer report.	SML = 1.2 mg/kg	PS/Same 25205	+	+
	93560		*TOLUENESULPHONIC ACIDS	9	Bx	M49	1083		Covered by 35920			+
	93585	00104-15-4	*p-TOLUENESULPHONIC ACID	8	Bx	M49	1287,1467*			MF,PF,UF		+
	93595	00080-48-8	*p-TOLUENESULPHONIC ACID, METHYL ESTER	8	Bx	M46	672/					+
	93610	13732-62-2	p-TOLUENESULPHONIC ACID, MORPHOLINE SALT	5	D	M46	672/	Due to morpholine component.				+
	93630		*TOLUENESULPHONYL CHLORIDE	9	Bx	M49	1083					+
	93680	09000-65-1	TRAGACANTH GUM	1	A4	Rx		ADI: not specified. (SCF, 21th Series, 1989).			+	+
	93695	00102-76-1	TRIACETIN	D	D					Same 57760	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	93720	00108-78-1	2,4,6-TRIAMINO-1,3,5-TRIAZINE	2	A5	R17		TDI: 0.5 mg/kg b.w. (SCF, 17th Series, 1986).	SML= 30 mg/kg	Same 25420	+	
	93730		*2,4,6-TRIAMINO-1,3,5-TRIAZINE RESINS	9	Bx		462,463			POM	+	
	93760	00077-90-7	*TRIBUTYL ACETYLCITRATE	8	Bx	Rx	1806+			Studies ongoing	+	+
	93790	00102-82-9	*TRIBUTYLAMINE	8	Bx	M49				PC,POM		+
	93810	00060-01-5	TRIBUTYRIN	D	D					Same 57840	+	
	93840	00087-90-1	TRICHLOROCYANURIC ACID	D	D	M38	324/	Postponed. Waiting for an answer to the circular letter from EEC (CS/PM/324) asking informations on technological function of the substance. Date limit: 30.6.90.		DSP	+	
	93870	00071-55-6	*1,1,1-TRICHLOROETHANE	P	P		390/2036,2097(RIVM)				+	
	93872	00079-00-5	*1,1,2-TRICHLOROETHANE	P	P		(RIVM)				+	
	93900	00079-01-6	*TRICHLOROETHYLENE	P	P		2099 (RIVM)			PVC	+	
+	93920	00075-69-4	*TRICHLOROFLUOROMETHANE	7	Bx	M56/Rx	2110//	Needed: migration data and specifications.			+	+
	93940	01320-78-1	*TRICHLOROPHENOL, POTASSIUM SALT	9	Bx	M49	1083					+
	93950	01320-79-2	*TRICHLOROPHENOL, SODIUM SALT	9	Bx	M49	1083					+
+	93970	?	*TRICYCLODECANEDIMETHANOL BIS(HEXAHYDROPHTHALATE	P	P		2150 (mM90)(RIVM-TNO)			New subst.	+	
	93980	00112-70-9	1-TRIDECANOL	3	AxD	M49	1083/	See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary, (C4-C24)" (PM/REF.N.33120) in SCF list 3.		Cov by 33120		+
	94000	00102-71-6	*TRIETHANOLAMINE	8	Bx	M50/R1	553,632,1177/			Same 25480/MF,PO,PVC,PS,PUR	+	+
	94040	85665-45-8	*TRIETHANOLAMINE ALKYL(C8-C14)SULPHATE	9	Bx	M51	1665			S1(94080)	+	
	94060	90583-18-9	*TRIETHANOLAMINE ALKYL(C12-C14)SULPHATE	9	Bx	M51	1665			S1(94080)	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	94080	-	*TRIETHANOLAMINE ALKYLSULPHURIC ACIDS, SALTS	9	Bx	Rx	1665			PA,PE	+	+
	94100	02717-15-9	*TRIETHANOLAMINE OLEATE	7	Bx	M52/M49		L7 for triethanolamine. L1 for oleic acid. ADI : not specified. (SCF, 25th Series, 1990).		PS	+	+
	94160	00122-51-0	*TRIETHOXYMETHANE	8	Bx	M37				PUR	+	+
	94240	00077-89-4	*TRIETHYL ACETYLCITRATE	8	Bx	M51/R1	817*/1736* (Rivm)				+	+
	94270	00121-44-8	*TRIETHYLAMINE	8	Bx	M49				PC,PO,POM		+
	94300	00280-57-9	*TRIETHYLENEDIAMINE	8	Bx	M49				PUR		+
	94320	00112-27-6	TRIETHYLENEGLYCOL	2	A4	Rx		Group TDI: 5 mg/kg b.w. (with polyethyleneglycol). (SCF 17th Series, 1986).		Same 25510	+	+
	94400	36443-68-2	TRIETHYLENEGLYCOL BIS[3-(3-tert-BUTYL-4-HYDROXY -5-METHYLPHENYL) PROPIONATE]	2	A5	M38/Rx	54,221,263 ,285	TDI: 0.05 mg/kg b.w. 90-day and 2-year oral rat and 90-day oral dog studies, teratogenicity and mutagenicity studies. (RIVM report 89/678608/001, 1989-09-01).	SML= 3 mg/kg		+	+
+	94480	26523-64-8	*TRIFLUOROTRICHLOROETHANE	7	Bx	M56/Rx	2110//	Needed: migration data and specification.		PUR	+	
	94520	01421-63-2	*2,4,5-TRIHYDROXYBUTYROPHENONE	8	Bx	M49	1083					+
+	94560	00122-20-3	TRIISOPROPANOLAMINE	3	A5	M57/M40	1807+,2125 ,2324//	R: 5 mg/kg of food. Available: migration, 3 negative mutagenicity tests, 90-day oral rat and dog studies. (CS/PM/2324). Hydrophilic so no data on bioaccumulation required.	SML = 5 mg/kg		+	+
	94640	-	*1,3,5-TRIISOPROPYLBENZENE-2,4-POLYCARBO DIIMIDE	8	Bx	M52/Rx				PO	+	
+	94680		*TRIMELLITIC ACID, TRIALKYL(C1-C8) ESTER	9	Bx	M54/M49	1083	Group R= 0.05 mg/kg b.w.	SML(Tpl) = 3 mg/kg			+
+	94720	68515-60-6	*TRIMELLITIC ACID, TRIALKYL(C7-C9) ESTER	W9	D	M57/M54 /M46/M3 6	956/2117//	Group R: 0.05 mg/kg bw.	SML(Tpl) = 3 mg/kg	PVC/New subst.	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
+	94760	27251-75-8	*TRIMELLITIC ACID, TRIISOOCTYL ESTER	9	Bx	M54/M49	1083,2117/ /	Group R: 0.05 mg/kg bw.	SML(Tpl) = 3 mg/kg			+
+	94800	03319-31-1	*TRIMELLITIC ACID, TRIS(2-ETHYLHEXYL) ESTER	W6B	D	M54/M46	238/956/2117//	Group R: 0.050 mg/kg b.w. Available: Ames test and indication of peroxisome proliferation. Needed: peroxisome proliferation study and tests for gene mutation and chromosome aberrations in mammalian cells in vitro.	SML(Tpl) = 3 mg/kg	PVC/New subst.	+	
	94840	00593-81-7	*TRIMETHYLAMMONIUM CHLORIDE	8	Bx	M46	672/					+
	94880	00067-48-1	*TRIMETHYLETHANOLAMMONIUM CHLORIDE	8	Bx	Rx				PAM/Same 25570	+	
	94960	00077-99-6	1,1,1-TRIMETHYLOLPROPANE	2	A5	Rx	288,992/	TDI= 0.1 mg/kg b.w. (SCF, 17th Series, 1986).	SML= 6 mg/kg	PVC,PVCC/Same 25600	+	+
	95040	01462-84-6	*2,3,6-TRIMETHYLPYRIDINE	8	Bx	M37				PP	+	
	95120	00108-75-8	*2,4,6-TRIMETHYLPYRIDINE	8	Bx	M37				PP	+	
	95200	01709-70-2	1,3,5-TRIMETHYL-2,4,6-TRIS(3,5-DI-tert-BUTYL-4-HYDROXYBENZYL)BENZENE	2	A4	Rx		t-TDI: 1 mg/kg b.w. pending check of the reports. 2-year oral studies in rats and dogs and oral carcinogenicity studies in mice and rats. (Shell reports n. TLGR 0023.68. March 1969, TLGR. 0024.68, Sept. 1968, TLGR. 0019.69, March 1969).			+	+
	95230	00603-35-0	*TRIPHENYLPHOSPHINE	8	Bx	M49	1527*			POM		+
	95260	00139-45-7	TRIPROPIONIN	D	D					Same 58080	+	
	95280	40601-76-1	1,3,5-TRIS(4-tert-BUTYL-3-HYDROXY-2,6-DIMETHYLBENZYL)-1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE	2	A5	Rx	189/	t-TDI: 0.1 mg/kg b.w. Available: 90-day oral rat and dog studies. (RIVM document, June 1989). Needed: mutagenicity and migration data, impurities to be specified.	SML= 6 mg/kg		+	+
	95360	27676-62-6	1,3,5-TRIS(3,5-DI-tert-BUTYL-4-HYDROXYBENZYL)-1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE	3	A5	M49/M42	1808+	Restriction = 5 mg/kg of food or food simulant. Available: 3-month oral rat study, mutagenicity studies negative, migration data. (RIVM doc. February 1992).	SML = 5 mg/kg		+	+
	95400	00090-72-2	*2,4,6-TRIS[(DIMETHYLAMINO)METHYL]PHENOL	8	Bx	M46	672/					+
+	95440	00144-15-0	*TRIS(2-ETHYLHEXYL) ACETYLCITRATE	6B	Bx	M54/M46 /Rx	956,2117//	Group R: 0.05 mg/kg b.w. Needed: toxicological data depending on migration	SML(Tpl) = 3 mg/kg		+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								level (see SCF guidelines) and, if migration exceeds 0.050 mg/kg, peroxisome proliferation studies too.				
	95520	68958-97-4	*1,1,3-TRIS(2-METHYL-4-DITRIDECYL PHOSPHITE-5-tert-BUTYLPHENYL) BUTANE	8	Bx	M37	63,169/			PO	+	+
	95600	01843-03-4	*1,1,3-TRIS(2-METHYL-4-HYDROXY-5-tert-BUTYLPHENYL) BUTANE	8-P	Bx	Rx	99,1287,1470*,2266(mM90T)(RIVM-TNO)				+	+
	95630	00057-13-6	UREA	D	D					M	+	+
	95645		*UREA RESINS	9	Bx		462,463			POM	+	
	95680	00121-33-5	VANILLIN	1	A4	Rx		ADI: 10 mg/kg b.w. (JECFA 11 M., 1967).		PE	+	
+	95695	08009-03-8	VASELINE	D	D					Same as 72060	+	
	95710	-	VEGETABLE OILS, FROM FOOD SOURCES, HYDROGENATED OR NOT	3	D	M52		Food fats or similar to food fats.		Cov. by 54450 and 54480	+	
	95720	-	VEGETABLE OILS, INEDIBLE	D	D					A/SCF:Same as 54400	+	
	95730		*VINYL ACETATE-VINYL CHLORIDE, COPOLYMER	9	Bx	M44	462,463/			PUR	+	
	95740		*VINYL ACETATE-VINYL CHLORIDE-VINYL PROPIONATE, COPOLYMER	9	Bx	M44	462,463/			PUR	+	
	95755		*VINYL ACETATE-VINYLPYRROLIDONE, COPOLYMERS	9	Bx							+
	95760		See "95880"	D	D						+	+
	95761		See "95881"	D	D						+	
	95762		See "95882"	D	D						+	
	95770	-	*VINYL CHLORIDE-VINYL ESTERS OF SAT., ALIPH., MONOCARB., ACIDS (C2-C18),COPOLYMERS	9	Bx	M44					+	
	95780		*VINYL CHLORIDE-VINYL PROPIONATE, COPOLYMER	9	Bx	M44	462,463			PUR	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	95790		*VINYL ETHERS-VINYLPYRROLIDONE COPOLYMERS	9	Bx	M46	672/					+
	95800		*VINYLIDENE CHLORIDE COPOLYMERS	9	Bx	M44	462,463/			PUR	+	
	95810	00088-12-0	*VINYLPYRROLIDONE	6A	Bx	M49	678,1083/1315		SML = 0.05 mg/kg (expressed as vinyl)	Same 26230		+
	95820	-	*VINYLPYRROLIDONE-METHACRYLIC ACID, ESTERS WITH ALCOHOLS ALIPH.,MONOH.,SAT.(C1-C18), COPOLYMERS	9	Bx	M44				PS	+	
	95830	-	*VINYLPYRROLIDONE-VINYL ACETATE AND/OR VINYL PROPIONATE, COPOLYMERS	9	Bx	M44				PVC,PVDC	+	
	95840		See "95905"	D	D						+	
	95860	-	*WAXES, NATURAL	D	D		1809+				+	
	95870		WHEAT PROTEIN	0	Ax	M49	1083/					+
	95880	08042-47-5	*WHITE MINERAL OIL	9	Bx	M39/Rx	1810+	Specify identity.			+	+
	95881		WHITE MINERAL OIL (HYDROGENATED)	2	A5	M52/M39/M37	195,213,219,239,256,331//	Group t-TDI: 0.05 mg/kg b.w. See references for 59935 in list 2. Purity criteria to be established.	SML(T)=3 mg/kg for all hydrogenated products (see introduction of the annex)/Spec(P)		+	
+	95882	08042-47-5	WHITE MINERAL OIL (CONVENTIONAL)	2	A5	M53/M39/M37	195,213,219,239,256,331//	Group t-TDI: 0.005 mg/kg b.w. See references for 59950 in list 2.	SML(T)=0.3 mg/kg for all conventional products (see introduction of the annex)/Spec(P		+	
	95890	08002-74-2	WHITE SOFT PARAFFIN	D	D					A/Cov.by 71280	+	
	95905	13983-17-0	WOLLASTONITE	3	A5	Rx		Free from asbestos. Inert, insoluble material.	Free of asbestos		+	
	95920	-	WOOD FLOUR AND FIBERS	3	A4	Rx		Inert material.		MF,PF,UF	+	+
	95935	11138-66-2	XANTHAN GUM	1	A4	M49	1653//	ADI : not specified. (30th, JECFA, 1986).		PAM,PAN,PS,PVC, PVDC/Cov.by 58560	+	+
+	95945	01330-20-7	XYLENE	3	A5	M56/M53/M52	1712//	Group R: 0.02 mg/kg bw (with 95947,95949,95951) based on allowing 1/10 of TDI for food contact materials.	SML(T31) = 1.2 mg/kg (with 95947/95949/95951)	PVC/Same 26370/odor threshold 25	+	+

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
								2-year oral rat study, mutagenicity test negative. (WHO draft, Geneva, September 1952)(CS/PM/1712).		ppb.		
+	95947	00095-47-6	o-XYLENE	3	D	M56	1712//	Group R: 0.02 mg/kg bw (with 95945,95947,95949,95951) based on allowing 1/10 of TDI for food contact materials. 2-year oral rat study, mutagenicity test negative. (WHO draft, Geneva, September, 1992)(CS/PM/1712).	SML(T31) = 1.2 mg/kg (with 95945,95949 and 95951)	D because cov by 95945		+
+	95949	00108-38-3	m-XYLENE	3	D	M56	1712//	Group R: 0.02 mg/kg bw (with 95945,95947 and 95949) based on allowing 1/10 of TDI for food contact materials. 2-year oral rat study, mutagenicity test negative. (WHO draft, Geneva, September 1992)(CS/PM/1712).	SML(T31) = 1.2 mg/kg (with 95945,95947 and 95951)	D because cov. by 95945		+
+	95951	00106-42-3	p-XYLENE	3	D	M56	1712//	Group R: 0.02 mg/kg bw (with 95945,95947 and 95949) based on allowing 1/10 of TDI for food contact materials. 2-year oral rat study, mutagenicity test negative. (WHO draft, Geneva, September 1992)(CS/PM/1712).	SML(T31) = 1.2 mg/kg (with 95945,95947 and 95949).	D because cov. by 95945		+
	95990	09010-66-6	ZEIN	0	Ax	M49	1083/					+
	96000	-	*ZINC ALKYLARYLDITHIOCARBAMATE	9	Bx	Rx					+	
	96080	-	*ZINC DIALKYLDITHIOCARBAMATE	9	Bx	Rx					+	
	96160	00136-23-2	*ZINC DIBUTYLDITHIOCARBAMATE	8	Bx	Rx					+	+
	96170	14324-55-1	*ZINC DIETHYLDITHIOCARBAMATE	8	Bx	M49	1083		Covered by 96080			+
	96180		ZINC DUST	1	Ax	M49	672,1653//	ADI : 1 mg/kg b.w. (JECFA, 26M, 1982).				+
	96190	20427-58-1	ZINC HYDROXIDE	1	A4	M49	1653//	ADI : 1 mg/kg b.w. (JECFA, 26M, 1982).		PO	+	+
	96200	55799-16-1	ZINC HYDROXYPHOSPHITE	1-2	Ax	M49	1083,1653/ /	ADI: 1 mg/kg b.w. (as Zn). (JECFA, 26M, 1982). TDI: 70 mg/kg b.w. Based on ADI (= 70 mg/kg b.w.) for phosphate. (JECFA, 26M, 1982).				+
	96220	00557-09-5	ZINC OCTANOATE	D	D					Cov.by 68560	+	

U	PM/REF N.	CAS N.	NAME	SCF L	EEC L.	SCF M/R	CS/PM	OPINION SCF	RESTRICTIONS	REMARKS	MAT PL	MAT C
	96240	01314-13-2	ZINC OXIDE	3-P	A4	Rx	(Bohme)	Inert material.			+	+
	96280	09010-69-9	ZINC SALT OF RESINIC ACIDS	D	D					Cov.by 83520	+	
	96320	01314-98-3	ZINC SULPHIDE	3-P	A4	Rx	Bohme	Inert material.			+	+
+	96400	53801-45-9	*ZIRCONIUM OXIDE	7	Bx	M54	1083/2091/ /	L7 for zirconium. See references for 54220.				+
+	96480	32535-84-5	*ZIRCONYL AMMONIUM CARBONATE	7	Bx	M54	1083//	See references for 54220.				+
										For memo	+	

ANNEX 3

POLYMER PRODUCTION AIDS

(AP = SUBSTANCES WHICH DIRECTLY INFLUENCE THE FORMATION OF POLYMERS)

(promemoria)

For the purpose of the EEC Directive "aids to polymerization"(=AP) includes only the substances which directly influence theformation of polymers. They include for example:

- accelerators
- catalysts
- catalyst deactivators
- catalyst supports
- catalyst modifiers
- chain scission reagents
- chain transfer or extending agents
- chain stop reagents
- cross-linking agents
- initiators and promoters
- molecular weight regulators
- polymerization inhibitors
- redox agents

Therefore (conventionally) the "aids to polymerization" do not include the so-called "polymerization production aids" which are included between the additives (see Annex 2). For clarity the AP shall not include for example the following substances:

- anti-foam reagents/degassing agents
- blowing agents
- buffering agents
- build-up suppressants
- dispersing aids
- emulsifiers
- flow control agents
- nucleating agents
- pH regulators
- solvents
- surfactants
- suspension agents
- stabilizers
- thickening agents
- water treatment reagents

THE END