

# COMMISSION OF THE EUROPEAN COMMUNITIES

COM(79) 250 final.

Brussels, 16 May 1979

Proposal for a  
COUNCIL DIRECTIVE

amending for the first time Council Directive 76/768/EEC of 27 July 1976  
on the approximation of the laws of the Member States relating to cosmetic  
products

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(submitted to the Council by the Commission)

COM(79) 250 final.

PROPOSAL FOR A COUNCIL DIRECTIVE AMENDING FOR THE FIRST  
TIME THE COUNCIL DIRECTIVE 76/768/EEC OF 27 JULY 1976  
ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES  
RELATING TO COSMETIC PRODUCTS

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EXPLANATORY MEMORANDUM

This proposal is designed to:

1. correct certain errors which were incorporated into the text of Council Directive 76/768/EEC of 27 July 1976;
2. tighten up some of the provisions of the above directive;
3. comply with Article 5 thereof;
4. adopted a list of substances which may be used as preservatives;
5. adopt all the annexes to technical progress, according to the Committee's procedure.

- (1) When Directive 76/768/EEC of 27 July 1976 was implemented, it emerged that a number of errors had found their way not only into the text of the Directive, chiefly the list of colour index numbers for colouring agents, but also into some of the different language versions. These errors should be corrected.
- (2) Implementation also showed that some provisions would have to be tightened up, or even improved. By way of an example, Directive 76/768/EEC required no warning with regard to the use of thioglycollic acid and its salts and ethers whereas, in order to protect public health, there should be proper labelling to warn the consumer that the cosmetic product does contain these substances and that he should follow the instructions very carefully.

The Directive restricted the application and/or use of hydrogen peroxide to oxidizing colouring agents even though the substance is used widely in hair care products. It did not restrict the application and/or use of hydroquinone although this substance should only be used as an oxydizing colouring agent for hair dyeing. It did not stipulate a maximum authorized potassium or sodium hydroxide concentration whereas the concentration should be restricted to a maximum pH value of 12.65. It prohibited the marketing of cosmetic products containing substances listed in Annex II whereas their presence is technologically unavoidable in correct manufacturing processes because some of these substances are naturally present in raw materials. A second paragraph has been added to Article 4 to take account of this.

(3) Article 5 of Directive 76/768/EEC states that on expiry of a period of three years from its notification, the substances and colouring agents listed in Annex IV shall:

- either be definitively permitted,
- or definitively prohibited (Annex II),
- or retained for a further period of three years in Annex IV,
- or deleted from all Annexes to this Directive.

Based on what is known at present, a decision may be taken on the substances listed in Part 1 of Annex IV, with the exception of:

- methanol
- monoglyceric ester of p-aminobenzoic acid
- 8-hydroxiquinolinium and its sulphate
- 1.1.1-trichloroethane (methylchloroform)

which should be kept in Annex IV until 31 December 1982.

A more detailed examination of Parts 2 and 3 of Annex IV reveals that they do not correspond with the list of colouring agents actually used in the production of cosmetic products. To begin with, therefore, these two parts will have to be revised and kept in Annex IV until 31 December 1982, so allowing time for scientific information to be collected so that a decision can then be taken on them in accordance with Article 5 of Directive 76/768/EEC.

- (4) Article 11 and the penultimate recital of Directive 76/768/EEC require the Commission, on the basis of the results of the latest scientific and technical research, to submit to the Council appropriate proposals establishing lists of permitted substances which could include antioxidants, hair dyes, preservatives and ultraviolet filters. A start could be made by drawing up a list of substances authorized for use as preservatives. As a precautionary measure, the vast majority of these substances should be authorized only provisionally so that the additional information required for a final assessment of the health risks can be collected although the information available indicates that such risks are unlikely. In any case, this procedure should help to provide better consumer protection since, in the future, preservatives used in the production of cosmetic products will be fully identified and their conditions of use accurately defined.

The next step will be to draw up lists of substances authorized for use as antioxidants and ultraviolet filters, as very satisfactory progress is being made. A list of substances authorized for use as hair dyes will be compiled at a later stage, in view of the complexity of the problem and the large number of substances to be examined (about 300).

That is why, in the interests of consumer protection, it is better to propose these lists in stages, since scientific research is not equally advanced for each category of substances.

- (5) In actual fact, the annexes to Directive 76/768/EEC consist of lists of substances banned (Annex II) and provisionally allowed (the present Annexes III and IV and Annex VI which is to be added). The procedure for amending these Annexes should preferably be swift and flexible, chiefly so that:
  - (i) a substance which would constitute a risk to public health if used in cosmetic products can be banned;
  - (ii) a new substance can be added to the list of authorized substances if, for example, the use thereof would improve consumer protection or constitute technological progress - long and costly research would be discouraged if unwieldy procedures were involved in implementing the results. In this respect, the Committee procedure for adapting the Annexes of Directive 76/768/EEC to technical progress is preferable to a Council Decision.
- (6) When preparing its proposal, the Commission sought the opinions of national experts and consulted representatives of the industry and consumers. The section on preservatives is largely based on the work done by the Council of Europe's Committee of Experts.
- (7) The proposal is based on Article 100 which means that the European Parliament and the Economic and Social Committee have to be consulted.

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PROPOSAL FOR A COUNCIL DIRECTIVE AMENDING FOR THE FIRST  
TIME COUNCIL DIRECTIVE 76/768/EEC OF 27 JULY 1976 ON  
THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES  
RELATING TO COSMETIC PRODUCTS

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THE COUNCIL OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Economic Community, and in particular Article 100 thereof,

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Parliament,

Having regard to the opinion of the Economic and Social Committee,

Whereas the implementation of Council Directive 76/768/EEC of 27 July 1976<sup>1</sup> on the approximation of the laws of the Member States relating to cosmetic products showed that certain amendments should be made to Annexes II, III and IV;

Whereas, in order to protect public health, measures should be taken with regard to mandatory warnings on the labels of cosmetic products containing thioglycollic acid, its salts and esters;

Whereas the use of hydrogen peroxide is not restricted to oxidizing colouring agents for hair dyeing and whereas the use of this substance should therefore also be authorized for hair care products, with the requirement that certain warnings be printed on the label to safeguard health;

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<sup>1</sup>OJ L 262 of 17 September 1976, p. 169

Whereas in certain circumstances it is not necessary to mention the formaldehyde content on the label when this substance is not used as an ingredient of a cosmetic product but is inevitably present as a residue from the processing of raw materials;

Whereas the field of application and/or use of hydroquinone should be specified;

Whereas the maximum authorized concentration of potassium or sodium hydroxide in depilatories should be specified;

Whereas a decision may be taken with regard to the substances listed in Part 1 of Annex IV of Council Directive 76/768/EEC of 27 July 1976, in accordance with Article 5 thereof;

Whereas Parts 2 and 3 of Annex IV of the same directive do not correspond with the list of colouring agents actually used in the preparation of cosmetic products and whereas this list should therefore be updated;

Whereas a list of substances authorized for use as preservatives can be drawn up on the basis of the latest scientific and technical research;

Whereas a procedure for updating the annexes rapidly should be introduced;

Whereas the presence of traces of substances which cosmetic products must not contain according to Annex II of Council Directive 76/768/EEC is technologically inevitable with correct manufacturing processes and whereas therefore certain provisions should be made in this connection;

Whereas the English, German and Dutch versions of Council Directive 76/768/EEC of 27 July 1976 contain typographical errors which should be corrected;

HAS ADOPTED THIS DIRECTIVE:

Article 1

Council Directive 76/768/EEC of 27 July 1976 is amended in accordance with the following provisions.

Article 2

Annex II is amended as follows:

- Replace "350. Tetrabromosalicylanilides" by:

"350. Tetrabromosalicylanilides except as impurities of tribromosalicylanilide according to the criteria laid down in Part 1 of Annex III."

- Replace "351. Dibromosalicylanilides, e.g. metabromsalan\* and dibromsalan" by:

"351. Dibromosalicylanilides, e.g. metabromsalan\* and dibromsalan\* except as impurities of tribromosalicylanilide according to the criteria laid down in Part 1 of Annex III."

- Replace "360. Sassafras officinale Nees oil containing safrole" by:

"360. Safrole except for normal content in the natural essences used and provided the concentration in the finished product does not exceed 100 ppm."

- Add:

"362 Chloroform".

Article 3

1. Part 1 of Annex III is replaced by the annex given in Annex 1 to this directive.



2. Part 2 of Annex III is amended as follows:

(a) Reds

- In the third and sixth columns delete:

"E 180" against colouring agent No 10 corresponding to colour index number 15 850.

"E 420" against colouring agent No 26 corresponding to colour index number 77 015.

- In the second column, replace:

"15 630(Ba)" by "15 630 : 1"

"15 630(Sr)" by "15 630 : 3"

"15 865(Sr)" by "15 865 : 3"

"45 170(Ba)" by "45 170 : 1"

(b) Oranges and yellows

For colouring agent No 23, replace the colour index number "45 395" in the second column by "45 396".

(c) Greens and blues

For colouring agent No 4 corresponding to colour index number 44 090 enter the number "E 142" in the third and sixth columns.

(d) Violets, browns, blacks and whites

Delete colouring agent No 8 corresponding to colour index number 77 005.

In the third and sixth columns delete the number "E 153" for colouring agents Nos 12 and 13 corresponding to colour index numbers 77 266 and 77 267.

Add reference number "26" and enter number "E 153" in the third and sixth columns corresponding to this reference number.

Article 4

1. Part 1 of Annex IV is replaced by the annex given in Annex 2 to this directive.

2. Part 2 of Annex IV is amended as follows:

(a) Reds

- Delete the following colouring agents:

<u>Reference number</u>	<u>Colour index number</u>
2	12 350
3	12 385
14	75 580

- For reference number 5 replace the numbers "15 500" and "15 500 (Ba)" by "17 200" and delete the reference to the field of application in the fourth column.

- For colouring agent No 6 replace "15 585(Ba)" in the second column by "15 585 : 1".

(b) Oranges and yellows

- For reference number 2, replace colour index number "45 340" in the second column by "40 850" and add the number "E 161g" in the third and sixth columns.

(d) Violets, browns, blacks and whites

- Delete colouring agent No 8 corresponding to colour index number 77 718.

3. Part 3 of Annex IV is replaced by the annex given in Annex 3 to this directive.

Article 5

In Annex V:

- Replace:

"6. Zirconium and its derivatives".

by:

"5. Zirconium and its compounds".

- Delete the following:

"7. Thiomersal\* and phenylmercuric compounds (for use as preservatives in concentrated shampoos and creams containing non-ionic emulsifiers which render other preservatives ineffective; maximum concentration 0.003% calculated as Hg)."

Article 6

An Annex VI listing substances which may be used as preservatives in the manufacture of cosmetic products has been added. It is given in Annex 4 to this directive.

Article 7

Article 4 is amended to read as follows:

"1. Without prejudice to their general obligations deriving from Article 2, Member States shall prohibit the marketing of cosmetic products containing:

- (a) (unchanged)
  - (b) (unchanged)
  - (c) (unchanged)
  - (d) (unchanged)
  - (e) preservatives other than those listed in the first part of Annex VI.
  - (f) preservatives listed in the first part of Annex VI beyond the limits and outside the conditions laid down.
2. The presence of traces of the substances listed in Annex II may be allowed provided that it is technically unavoidable when correct manufacturing techniques are used and that it conforms with Article 2 of this directive. The maximum authorized concentrations of these substances will be fixed in accordance with the procedure provided for in Article 10 by 31 December 1982 at the latest. On the other hand, the use of the substances listed in Annex II in the manufacture of cosmetic products is prohibited".

#### Article 8

Article 5 is amended to read as follows:

"Until 31 December 1982, Member States shall accept the marketing of cosmetic products containing:

- (a) (unchanged)
- (b) (unchanged)
- (c) (unchanged)
- (d) the preservatives listed in the second part of Annex VI within the limits and conditions laid down.

On 1 January 1983, these substances, colouring agents and preservatives shall:

- either be definitively permitted,
- or definitively prohibited (Annex II),
- or retained for a further period as specified in Annex IV or VI,
- or deleted from all Annexes to this directive."

Article 9

The second paragraph of Article 8 is amended to read as follows:

- "2. The amendments necessary for adapting Annexes II and VI to technical progress shall be adopted in accordance with the same procedure."

Article 10

1. The English-language version is corrected in accordance with Annex 5 of this directive.
2. The German-language version is corrected in accordance with Annex 6 of this directive.
3. The Dutch-language version is corrected in accordance with Annex 7 of this directive.

Article 11

1. Member States shall bring into force the provisions needed in order to comply with this directive on 27 July 1979 and shall forthwith inform the Commission thereof.
2. Once notified of this directive, Member States shall undertake to inform the Commission, in good time for the latter to make its own observations, of any other draft laws, regulations or administrative provisions which they intend to adopt in the field covered by this Directive.

Article 12

This Directive is addressed to the Member States.

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## ANNEX 1

## ANNEX III

## PART I

List of substances which cosmetic products must not contain except subject to the restrictions and conditions laid down

Reference number	Substance	Restrictions				Conditions of use and warnings which must be printed on the label
		Field of application and/or use	Maximum authorized concentration in the finished cosmetic product	Other limitations and requirements		
a	b	c	d	e	f	
1	Boric acid	(a) Talcs (b) Products for oral hygiene (c) Other products	(a) 5% (b) 0.5% (c) 3%	(a) Not to be used in products for children under three years old	(a) Not to be used for babies	
2	Thioglycollic acid and its salts and esters	(a) Hair waving or straightening products: — home use — professional use (b) Depilatories (c) Other hair care products which are removed after application	(a) — 8% ready for use pH ≤ 9.5 — 11% ready for use pH ≤ 9.5 (b) 5% pH ≤ 12.65 (c) 2% percentages calculated as thioglycollic acid		(a) Contains thioglycollic acid. Follow the instructions  (b) Contains thioglycollic acid. Follow the instructions (c) Contains thioglycollic acid. Follow the instructions	
3	Oxalic acid, its esters and alkaline salts	Hair treatment products	5%		For hairdressers only	

Reference number	Substance	Restrictions			Conditions of use and warnings which must be printed on the label
		Field of application and/or use	Maximum authorized concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
4	Ammonia		6% calculated as NH <sub>3</sub>		Above 2% : Contains ammonia
5	Tosylchloramidesodium *		0.2%		
6	Chlorates of alkali metals	(a) Toothpaste (b) Other uses	(a) 5% (b) 3%		
7	Dichloromethane		35% (when mixed with 1, 1, 1-trichloroethane, total concentration must not exceed 35%)	0.2% as maximum impurity content	For preparations in aerosol dispensers. Do not spray on a naked flame or any incandescent material
8	<i>o</i> and <i>m</i> -Phenylenediamines their N-substituted derivatives and their salts; N-substituted derivatives of <i>p</i> -phenylenediamines (1)	Oxidizing colouring agents for hair dyeing	6% calculated as free base		Can cause an allergic reaction. Sensitivity test advisable before use Contains phenylenediamines. Do not use to dye eyelashes or eyebrows



Reference number	Substance	Restrictions			Conditions of use and warnings which must be printed on the label
		Field of application and/or use	Maximum authorized concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
9	Methylphenylenediamines, their N-substituted derivatives and their salts (1)	Oxidizing colouring agents for hair dyeing	10% calculated as free base		Can cause an allergic reaction. Sensitivity test advisable before use Contains phenylenediamines. Do not use to dye eyelashes or eyebrows
10	Diaminophenols (1)	Oxidizing colouring agents for hair dyeing	10% calculated as free base		Can cause an allergic reaction. Sensitivity test advisable before use Contains diaminophenols. Do not use to dye eyelashes or eyebrows
11	Dichlorophen *		0.5% maximum (except as a preservative)		Contains dichlorophen*. Not to be used for babies.
12	Hydrogen peroxide	Hair care products	40% volume, i.e. 12% H <sub>2</sub> O <sub>2</sub>		Contains x% hydrogen peroxide. Not to come into contact with eyes. Rinse eyes immediately if product comes into contact with them

(1) These substances may be used singly or in combination provided that the sum of the ratios of the levels of each of them in the cosmetic product at the maximum level authorized for each of them does not exceed 1.

Reference number	Substance	Restrictions			Conditions of use and warnings which must be printed on the label
		Field of application and/or use	Maximum authorized concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
13	Formaldehyde	Nail hardeners	5% calculated as formaldehyde		(a) Protect curicles with grease or oil. Contains x% formaldehyde if concentration exceeds 0.05%
14	Hydroquinone (2)	Oxidizing colouring agents for hair dyeing	2%		Do not use to dye eyelashes or eyebrows Rinse eyes immediately if product comes into contact with them Contains hydroquinone
15	Potassium or sodium hydroxide	(a) Nail cuticle solvent (b) Hair straightener (c) Depilatories (d) Other uses as a neutralizer	(a) 5% by weight (1) (b) 2% by weight (1) (c) up to pH 12.65 (d) up to pH 11		(a) Avoid contact with eyes. Can cause blindness. Keep away from children (b) Avoid contact with eyes. Can cause blindness. Keep away from children

(1) The sum of the two hydroxides expressed by weight as sodium hydroxide.  
 (2) These substances may be used singly or in combination provided that the sum of the ratios of the levels of the content of each of them in the cosmetic product at the maximum level authorized for each of them does not exceed 2.

Reference number	Substance	Restrictions			Conditions of use and warnings which must be printed on the label
		Field of application and/or use	Maximum authorized concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
16	Lanolin				Contains lanolin
17	$\alpha$ -Naphthol	Hair dye	0.5%		Contains $\alpha$ -naphthol
18	Sodium nitrite	Rust inhibitor	0.2%	Do not use with secondary amines	
19	Nitromethane	Rust inhibitor	0.3%		
20	Phenol and its alkaline salts	Soaps and shampoos	1% calculated as phenol		Contains phenol
21	Picric acid	Rust inhibitor	1%		Contains picric acid
22	Pyrogallol (1)	Hair dye	5%		Do not use to dye eyelashes or eyebrows. Rinse eyes immediately if product comes into contact with them. Contains pyrogallol

(1) These substances may be used singly or in combination provided that the sum of the ratios of the levels of each of them in the cosmetic product at the maximum level authorized for each of them does not exceed 2.

Reference number	Substance	Restrictions			Conditions of use and warnings which must be printed on the label
		Field of application and/or use	Maximum authorized concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
23	Quinine and its salts	(a) Shampoos (b) Hair lotions	(a) 0.5% calculated as quinine base (b) 0.2% calculated as quinine base		
24	Resorcinol (1)	(a) Hair dyes  (b) Hair lotions  (c) Shampoos	(a) 5%  (b) 0.5%  (c) 0.5%		(a) Can cause an allergic reaction. Contains resorcinol. Rinse hair well after application. Do not use to dye eyelashes or eyebrows. Rinse eyes immediately if product comes into contact with them  (b) Can cause an allergic reaction. Contains resorcinol  (c) Can cause an allergic reaction. Contains resorcinol. Rinse hair well after application

(1) These substances may be used singly or in combination provided that the sum of the ratios of the content of each of them in the cosmetic product at the maximum level authorized for each of them does not exceed 2.

Reference number	Substance	Restrictions			Conditions of use and warning which must be printed on the label
		Field of application and/or use	Maximum authorized concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
25	Ammonium sulphides, alkali and alkaline earth sulphides		2% in pastes 20% for monosulphides in aqueous solution without additive		
26	Zinc salts except for zinc salts of fatty acids, zinc 4-hydroxybenzene-sulphonate and zinc pyrithione		1% calculated as zinc		
27	Zinc 4-hydroxybenzene-sulphonate	(a) Astringent (b) Deodorant	(a) 6% calculated as the anhydrous substance (b) 6% calculated as the anhydrous substance		(a) Avoid contact with eyes (b) Do not spray into eyes
28	Ammonium monofluorophosphate	Oral hygiene products	0-15% Calculated as F. When mixed with other fluorine compounds permitted under this Annex, total F concentration must not exceed 0-15%		Contains ammonium monofluorophosphate

Reference number	Substance	Restrictions			Conditions of use and warning which must be printed on the label
		Field of application and/or use	Maximum authorized concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
29	Sodium monofluorophosphate	Ditto	0-15% Ditto		Contains sodium monofluorophosphate
30	Potassium monofluorophosphate	Ditto	0-15% Ditto		Contains potassium monofluorophosphate
31	Calcium monofluorophosphate	Ditto	0-15% Ditto		Contains calcium monofluorophosphate
32	Calcium fluoride	Ditto	0-15% Ditto		Contains calcium fluoride
33	Sodium fluoride	Ditto	0-15% Ditto		Contains sodium fluoride
34	Potassium fluoride	Ditto	0-15% Ditto		Contains potassium fluoride
35	Ammonium fluoride	Ditto	0-15% Ditto		Contains ammonium fluoride
36	Aluminium fluoride	Ditto	0-15% Ditto		Contains aluminium fluoride

Reference number	Substance	Restrictions			Conditions of use and warnings which must be printed on the label
		Field of application and/or use	Maximum authorized concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
37	Stannous fluoride	Ditto	0-15 % Ditto		Contains stannous fluoride
38	Hexadecyl-trimethyl-ammonium fluoride	Ditto	0-15 % Ditto		Contains hexadecyl-trimethyl-ammonium fluoride
39	3-(N-Hexadecyl-N-2-hydroxyethylammonio) propylbis (2-hydroxyethyl) ammonium difluoride	Ditto	0-15 % Ditto		Contains 3-(N-Hexadecyl-N-2-hydroxyethylammonio) propylbis (2-hydroxyethyl) ammonium difluoride
40	NN'N'-Tris(polyoxyethylene)-N-hexadecylpropylene-diamine dihydrofluoride	Ditto	0-15 % Ditto		Contains NN'N'-tris(polyoxyethylene)-N-hexadecylpropylene-diamine dihydrofluoride
41	Octadecyl-ammonium fluoride	Ditto	0-15 % Ditto		Contains octadecyl-ammonium fluoride
42	Sodium fluorosilicate	Ditto	0-15 % Ditto		Contains sodium fluorosilicate
43	Potassium fluorosilicate	Ditto	0-15 % Ditto		Contains potassium fluorosilicate

Reference number	Substance	Restrictions				Conditions of use and warnings which must be printed on the label
		Field of application and/or use	Maximum authorized concentration in the finished cosmetic product	Other limitations and requirements		
a	b	c	d	e	f	
44	Ammonium fluorosilicate	Ditto	0-15% Ditto		Contains ammonium fluorosilicate	
45	Magnesium fluorosilicate	Ditto	0-15% Ditto		Contains magnesium fluorosilicate	
46	1,3-Bis(hydroxymethyl)imidazolidine-2-thione	(a) Hair care preparations (b) Hair care preparations rinsed after use	(a) Up to 2% (b) From 2 to 8%	(a) Prohibited in aerosol dispensers (b) Ditto	(a) Contains 1,3-bis(hydroxymethyl)imidazolidine-2-thione (b) — Rinse hair thoroughly after use — Contains 1,3-bis(hydroxymethyl)imidazolidine-2-thione	
47	Tribromosalicylanilide (e.g. Tribromsatan*)	Soap	1%	Purity criteria: 3, 4', 5 Tribromosalicylanilide: 98% maximum Other bromosalicylanilides: 2% maximum 4', 5 dibromosalicylanilide: 0.1% maximum Inorganic bromide: 0.1% maximum expressed as Na Br	Contains tribromosalicylanilide	



## LIST OF SUBSTANCES PROVISIONALLY ALLOWED

Reference number	Substance	Field of application and/or use	Restrictions			Conditions of use and warnings which must be printed on the label
			Maximum authorized concentration in the finished cosmetic product	Other limitations and requirements		
a	b	c	d	e	f	
1	Methanol	Denaturant for ethanol and isopropyl alcohol	5% Calculated as a % of ethanol and isopropyl alcohol			
5	2,3-Dihydroxypropyl 4-aminobenzoate		5%			Contains 2,3-dihydroxypropyl 4-aminobenzoate
6	Quinolin-8-ol and bis (8-hydroxyquinolinium) sulphate		0.3% in base	Not to be used in products applied after sunbathing. Not to be used in talcum powder for babies		Not to be used for babies
32	1, 1, 1 Trichloroethane (methyl chloroform)	Solvent for aerosol dispensers	35% When mixed with dichloro-methane, total concentration must not exceed 35%			Do not spray on a naked flame or any incandescent material

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Annex 3

ANNEX IV Part 3

A. LIST OF COLOURING AGENTS PROVISIONALLY ALLOWED FOR COSMETIC PRODUCTS WHICH DO NOT COME INTO CONTACT WITH THE MUCOUS MEMBRANES.

Reds

11.215, 12.310, 12.420, 16.150, 18.050, 18.065,  
18.810, 26.105, 45.100, 50.240 and acid red 195.

Oranges and yellows

11.020, 11.021, 11.680, 11.700, 11.710, 13.065, 16.230,  
18.690, 18.736, 19.120, 21.230, 71.105.

Blues and greens

10.006, 10.020, 42.045, 42.080, 44.025, 62.095, 63.000,  
74.100, 74.220, 74.350, 77.420, bleu de bromothymol, vert  
de bromocrésol.

Violets, browns, blacks and whites

12.010, 12.480, 42.555, 46.500, 50.420, 51.319, 61.710,  
Brown FK.

B. LIST OF COLOURING AGENTS PROVISIONALLY ALLOWED FOR COSMETIC PRODUCTS WHICH COME INTO CONTACT ONLY BRIEFLY WITH THE SKIN.

Reds

11.210, 12.459, 12.485, 12.512, 12.513, 12.715, 14.895,  
14.905, 16.045, 18.125, 18.130, 23.266, 24.790, 27.300,  
27.306, 28.160, 45.110, 45.150, 45.220, 60.710, 62.015,  
69.025, 71.100, 73.312, 73.915, Pigment Red 144, Pigment  
Red 166, Pigment Red 170, Pigment Red 188.

Yellows and oranges

11.725, 11.730, 11.765, 11.767, 11.855, 11.870, 12.055,  
12.140, 12.700, 12.790, 14.600, 14.690, 15.970, 18.820,  
20.040, 21.096, 21.100, 21.105, 21.108, 21.110, 21.115,

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22.910, 23.900, 25.135, 25.220, 26.090, 29.020, 40.215,  
41.000, 48.040, 48.045, 48.055, 56.205, 75.660, 77.199,  
77.878, Acid yellow 127, Pigment Yellow 93, Pigment Yellow  
98, Pigment orange 31, 77.955.

Blues and greens

12.775, 34.230, 42.052, 42.085, 42.095, 42.100, 50.315,  
50.405, 52.015, 52.020, 61.135, 61.505, 61.525, 61.585,  
62.005, 62.045, 62.105, 62.560, 69.810, 74.180, 74.255,  
Solvent Blue 2, Solvent Blue 19, Acid Blue 82, Acid Blue 181,  
Acid Blue 272.

Violets, browns, blacks and whites

14.805, 17.580, 20.285, 20.470, 21.010, 25.410,  
42.510, 42.520, 42.535, 42.650, 45.175, 50.325, 60.010,  
60.730, 61.105, 62.030, Acid Brown 19, Acid Brown  
82, Disperse Violet 23, Acid Brown 104, Acid Brown 106,  
Pigment violet 37, Pigment brown 30.

ANNEX 4

ANNEX VI

LIST OF PRESERVATIVES WHICH COSMETIC PRODUCTS MAY CONTAIN

PREAMBLE

1. Preservatives are substances which may be added to cosmetic products, in the maximum concentrations authorized by this Annex, for the primary purpose of inhibiting the development of micro-organisms in such products.
  
2. The substances marked with an asterisk may also be added to cosmetic products in higher concentrations for specific purposes, e.g. as deodorants in soaps or as anti-dandruff agents in shampoos. In addition to their preservative function, therefore, they can also have antiseptic, antifungal or other properties.
  
3. Other substances used in the formulation of cosmetic products also have anti-microbial properties and thus help in the preservation of the products, as, for instance, many essential oils and some alcohols. These substances are not included in this annex.
  
4. For the purposes of this list:
  - "Salts" is taken to mean: salts of the cations sodium, potassium, calcium, magnesium, ammonium and ethanolamines; salts of the anions chloride, bromide, sulphate, acetate.
  
  - "Esters" is taken to mean: esters of methyl, ethyl, propyl, isopropyl, butyl, isobutyl, phenyl.

PART 1 - LIST OF DEFINITELY PERMITTED SUBSTANCES

Ref. No	Substances	Maximum authorized concentration	Limitations and requirements	Conditions of use and warnings which must appear on the label
1	Benzoic acid, salts and esters *	0.5%		
2	Propionic acid and its salts	2% (acid)		
3	Salicylic acid and its salts*	0.5% (acid)	Not to be used in preparations for children, except for shampoos	
4	Sorbic acid and its salts*	0.6% (acid) Not to be cumulated with the concentration specified for esters		
5	Formaldehyde*	0.2% (except for products for oral hygiene)	Prohibited in aerosol dispensers, except for foams	Contains formaldehyde if the concentration exceeds 0.05%
6	2,2'-Dihydroxy-3,3',5,5',6,6'-hexachlorodiphenylmethane* (Hexachlorophene)	0.1% (products for oral hygiene) expressed as free formaldehyde	Prohibited in products for children and intimate hygiene products	Not to be used for babies. Contains hexachlorophene

PART 1 - LIST OF DEFINITELY PERMITTED SUBSTANCES (contd)

Ref. No	Substances	Maximum authorized concentration	Limitations and requirements	Conditions of use and warnings which must appear on the label
7	o-Phenylphenol and its salts*	0.2% expressed as phenol		
8	Pyridine-1-oxide-2-thiol (zinc pyriithione)	0.5%	Only in products rinsed off after use	
9	Inorganic sulphites and bisulphites*	0.2% expressed as free SO <sub>2</sub>		
10	Sodium iodate	0.1%	Only for products rinsed off after use	
11	Chlorbutanol	0.5%	Prohibited in aerosols	Contains chlorobutanol

PART 2 - LIST OF PROVISIONALLY PERMITTED SUBSTANCES

Ref. No	Substances	Maximum authorized concentration	Limitations and requirements	Conditions of use and warnings which must appear on the label
1	6-Acetoxy-2,4-dimethyl-1,3-dioxane (Dimethoxane)	0.2%		
2	Boric acid*	3.0%	Not to be used in preparations for children under three years of age, since there may be absorption of products that come into contact with the mucous membranes	Not to be used for babies
3	p-Chlorophenyl-a-glycerylether* (Chlorphenesin)	0.5%		
4	Dehydroacetic acid and its salts	0.6% (acid)		
5	Formic acid*	0.5% (acid)		
6	p-Hydroxybenzoic acid, salts and esters except benzyl ester*	0.4% (acid) for 1 ester 0.8% (acid) for mixtures of esters		
7	p-Hydroxybenzoic acid, benzyl ester	0.1% (acid)		
8	1,6-Di(4-amidinophenoxy)-n-hexane and its salts (including isethionate + p-hydroxybenzoate)*	0.1%		

PART 2 - LIST OF PROVISIONALLY PERMITTED SUBSTANCES (contd 1)

ref. No	Substances	Maximum authorized concentration	Limitations and requirements	Conditions of use and warnings which must appear on the label
9	1,6-Di(4-amidino-2-bromophenoxy)-n-hexane and its salts (including isethionate)	0.1%		
10	1,3-Di(4-amidino-2-bromophenoxy)-n-propane and its salts (including isethionate)	0.1%		
11	Sodium ethylmercurithiosalicylate (Thiomersal)	0.007% (of Hg) If mixed with other mercurial compounds authorized by this Directive, the maximum concentration of Hg remains fixed at 0.007%	For eye make-up only	Contains ethylmercurithio-salicylate
12	Phenylmercury and its salts (including borate)	0.003% (of Hg) If mixed with other mercurial compounds authorized by this Directive, the maximum concentration of Hg remains fixed at 0.003%	Only in creams with non-ionic bases and in concentrated shampoos where other preservatives are ineffective	Contains ethylmercurithio-salicylate
13	Sorbic acid, esters*	ditto  0.5% (acid) Must not be cumulated with the concentration specified for the acid and its salts	ditto	Contains phenylmercurial compounds



## PART 2 - LIST OF PROVISIONALLY PERMITTED SUBSTANCES (contd 2)

Ref. No	Substances	Maximum authorized concentration	Limitations and requirements	Conditions of use and warnings which must appear on the label
14	Undecylenic acid: salts, esters, the amide, the mono- and di-ethanolamides and their sulphosuccinates*	0.2% (acid)		
15	Usnic acid and its salts (including the copper salt)*	0.2%		
16	5-Amino-1, 3-di(2-ethylhexyl)-hexahydro-5-methylpyrimidine* (Hexetidine)	0.2%		
17	Benzylformal	0.2%		
18	2-Benzyl-4-chlorophenol (Clorofene)	0.2%		
19	5-Bromo-5-nitro-1, 3-dioxane *	0.1%		
20	2-Bromo-2-nitropropane-1, 3-diol (Bronopol)*	0.1%		
21	3,3'-Dibromo-5,5'-dichloro-2,2'-dihydroxydiphenyl methane* (Bromophen)	0.1%		
22	Tetra bromo-o-cresol*	0.3%		
23	Chloracetamide	0.3%		
24	3,4-Dichlorobenzyl alcohol	0.15%		
25	3,4,4'-Trichlorocarbanilide*	0.2%		
26	4-Chloro-m-cresol*	0.2%		
27	4,4'-Dichloro-3-trifluoromethylcarbanilide* (Halocarbon)	0.3%		
28	2,4,4'-Trichloro-2'-hydroxydiphenylether * (Triclosan)	0.5%		
29	5,5'-Dichloro-2,2'-dihydroxydiphenylmethane *	0.2%	Only for products rinsed off after use	

Maximum concentration in aerosols: 0.2%

PART 2 - LIST OF PROVISIONALLY PERMITTED SUBSTANCES (contd 3)

Ref. No	Substances	Maximum authorized concentration	Limitations and requirements	Conditions of use and warnings which must appear on the label
30	N-(Trichloromethylthio)-4-cyclohexene-1,2-dicarboximide * (Captan)	0.5%		
31	1,6-Di(N-p-chlorophenyl-N'-diguano)-n-hexane, digluconate, diacetate and dihydrochloride * (Chlorhexidine)	0.3%		
32	p-Chloro-m-xyleneol *	0.5%		
33	Dichloro-m-xyleneol *	0.1%		
34	Paraformaldehyde	0.2% (except products for oral hygiene)	Prohibited in aerosol dispensers, except for foams	Contains formaldehyde if the concentration exceeds 0.05%
35	8-Hydroxyquinoline and its salts	0.3%	Not to be used in products applied after sun-bathing, nor in talcum powders for babies	Not to be used for babies
36	Tri(β-hydroxyethyl)-hexahydrotriazine	0.3%		
37	Imidazolidinyl urea	0.6%		

PART 2 - LIST OF PROVISIONALLY PERMITTED SUBSTANCES (contd 4)

Ref. No	Substances	Maximum authorized concentration	Limitations and requirements	Conditions of use and warnings which must appear on the label
38	4-Isopropyl 3-methyl phenol	0.1%		
39	N-Methylolchloracetamide *	0.3%		
40	Monomethylol-dimethylhydantoin	0.2%	Only for products rinsed off after use	
41	Pyridine-1-oxide-2-thiol - sodium salt (Sodium pyriithione)*	0.5%		
42	bis(Pyridine-1-oxide)-2,2'-disulphide, addition product with magnesium sulfate trihydrate	0.5%		
43	Poly(hexamethylene diguanide) hydrochloride *	0.3%		
44	Phenoxyethanol *	1.0%		
45	Hexamethylenetetramine * (Methenamine)	0.2%		
46	5-chloro-2-methyl-4-isothiazoline-3-one + 2-methyl-4-isothiazoline-4-one, with magnesium and calcium chloride (Kathon CG)	0.005%		
47	2-Hydroxypyridine-1-oxide *	0.5%	Only for products rinsed off after use	
48	Di(N-oxopyridyl-2-thio) aluminium camphosulphonate	0.2%		

PART 2 - LIST OF PROVISIONALLY PERMITTED SUBSTANCES (contd 5)

Ref. No	Substances	Maximum authorized concentration	Limitations and requirements	Conditions of use and warnings which must appear on the label
49	1-(3-chloroallyl)-3,5,7-triaza-1-azonia adamantane chloride (Dowicil 200)	0.2%		
50	1-Imidazolyl-1-(4-chlorophenoxy) 3,3-dimethyl-butane-2-one	2.0%		
51	Dimethylol-dimethylhydantoin *	0.2% expressed as free formaldehyde or theoretically available formaldehyde		
52	Benzyl alcohol *	1%		
53	Dodecylguanidine acetate*	0.5%	For products rinsed off after use	
54	Diisobutyl phenoxy ethoxy ethyl dimethylbenzylammonium chloride	0.1%	For other uses	
55	Alkyl (C8-C18) dimethylbenzyl ammonium chloride, bromide, saccharinate	0.5%		
56	Alkyl (C12-C22) trimethyl ammonium bromide, chloride	0.1%		

## CORRECTIONS TO ENGLISH TEXT OF COUNCIL DIRECTIVE 76/768/EEC OF 27 JULY 1976

ANNEX II (correct names shown below) The following points read as indicated

- 2 2-Acetoxyethyltrimethylammonium hydroxide (acetylcholine) and its salts
- 5 [4-(4-Hydroxy-3-iodophenoxy)-3,5-diiodophenyl] acetic acid and its salts
- 29 2-Amino-1,2-bis(4-methoxyphenyl)ethanol and its salts
- 34 Imperatorin (9-(3-methylbut-2-enyloxy)furo[3,2-g]chromen-7-one
- 39 Antibiotics, with the exception of that given in Annex V
- 42 Apomorphine (5,6,6a,7-tetrahydro-6-methyl-4H-dibenzo[de,g]quinoline-10,11-dihydric alcohol) and its salts
- 48 Benzimidazol-2(3H)-one
- 49 Benzazepines and benzodiazepines
- 50 1-Dimethylaminomethyl-1-methylpropyl benzoate (amylocaine) and its salts
- 51 2,2,6-Trimethyl-4-piperidyl benzoate (benzamine) and its salts
- 52 Isocarboxazid\*
- 72 Nitroderivatives of carbazole
- 80 Diphenoxylate\* hydrochloride
- 86 N,N-bis(2-chloroethyl)methylamine N-oxide and its salts
- 91 Chlormezanone\*
- 93 2-[2-(4-Chlorophenyl)-2-phenylacetyl]indan-1,3-dione (chlorophacinone - 100)
- 112 2-  $\alpha$  -Cyclohexylbenzyl(N,N,N',N'-tetraethyl)trimethylenediamine (phenetamine)

- 117 O,O'-Diacetyl-N-allyl-N-normorphine
- 119 5-( $\alpha, \beta$ -Dibromophenethyl)-5-methylhydantoin
- 120 N,N'-Pentamethylenebis(trimethylammonium) salts, e.g. pentamethonium bromide\*
- 121 N,N'-[(Methylimino)diethylene]bis(ethyltrimethylammonium) salts, e.g. azamethonium bromide\*
- 124 N,N'-Hexamethylenebis(trimethylammonium) salts, e.g. hexamethonium bromide\*
- 128 2-Diethylaminoethyl 3-hydroxy-4-phenylbenzoate and its salts
- 131 O,O-Diethyl O-4-nitrophenyl phosphorothioate (parathion - ISO)
- 132 [Oxalylbis(iminoethylene)]bis[(o-chlorobenzyl)diethylammonium] salts, e.g. ambenomium chloride\*
- 143 1,1-Bis(dimethylaminomethyl)propyl benzoate (amydracaine, alypine) and its salts
- 156 N-(3-Carbamoyl-3,3-diphenylpropyl)-N,N-diisopropylmethylammonium salts, e.g. isopropamide iodide\*
- 160 5,5-Diphenyl-4-imidazolidone
- 196 (1R,4S,5R,8S)-1,2,3,4,10,10-Hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene (endrin - ISO)
- 204 Ethyl bis(4-hydroxy-2-oxo-1-benzopyran-3-yl) acetate and salts of the acid
- 207 4,4'-Dihydroxy-3,3'-(3-methylthiopropylidene)dicoumarin
- 214 Decamethylenebis(trimethylammonium) salts, e.g. decamethonium bromide
- 217  $\alpha$ -Santonin [(3S,5aR,9bS)-3,3a,4,5,5a,9b-hexahydro-3,5a,9-trimethylnaphtho[1,2-b]furan-2,8-dione]
- 234 3,4-Dihydro-2-methoxy-2-methyl-4-phenyl-2H,5H-pyrano[3,2-c]-[1]benzopyran-5-one (cyclocoumarol)

- 243 3-(1-Naphthyl)-4-hydroxycoumarin
- 268 Phenol and its alkali salts, excluding the exceptions listed in Annex III
- 271 2-Phenylindan-1,3-dione (phenindione)
- 276 Tetraethyl pyrophosphate; TEPP (ISO)
- 284  $\alpha$ -Piperidin-2-ylbenzyl acetate laevorotatory threoform (levophacetoperane)  
and its salts
- 307 Sulphonamides (sulphanilamide and its derivatives ....) and their salts  
(rest of entry is correct)
- 313 Xylometazoline\* and its salts
- 346 2-[4-Methoxybenzyl-N-(2-pyridyl)amino]ethyldimethylamine maleate
- 358 Furo[3,2-g]chromen-7-one and its ..... (rest of entry is correct)

Redaktionelle Änderungen des deutschen Textes  
 Änderungen unterstrichen

Anhang II

Nachstehende Punkte sollten wie folgt gelesen werden :

51. 2,2,6 - Trimethyl-piperidin-4-yl-benzoat
67. Phenylbutazonum \*
72. Nitroderivate des Carbazols
81. 2,4-Diaminoazobenzol -hydrochlorid-citrat (Chrysoidin-hydrochlorid-citrat)
128. 2-Diäthylaminoäthyl-4-phenyl-3-hydroxy-benzoat und seine Salze
130. 3-Diäthylaminopropyl-cinnamat
132. N,N'-Bis-(diäthyl)-N,N'-bis-(o-chlorbenzyl)-N,N'-(4,5-dioxy-3,6-diaza-octamethylen)-diammonium-Salze (z.B. Ambenonidchloridum \*)
145. 1,1-Bis-(dimethylaminomethyl)-propyl-benzoat (Apydracain) und seine Salze
156. N-(4-Amino-4-oxo-3,3-diphenyl-butyl)- .....
196. .... (Endrin)
204. Äthyl-2,2-bis-(4-hydroxy-3-cumarinyl)- .....
216. 2-Isopropyl-4-pentenoyl-harnstoff (Apronalid)
234. 2,4-Dihydro-2-methoxy-2-methyl-4-phenyl-2H,5H-pyran-3,3-dioxybenzopyran-5-on (Cyclocumarol)
254. Acenocoumarolum \*
281. Physostigma venenosum Balf.
284. (-)-L-Threo - L -phenyl-2-piperidinomethanol-acetat (Jevophacetoperan) und seine Salze
318. Glycoside der Thevetia nerifolia Juss.
347. Tyribenzaminum \*
340. p-tert.-Butyl-phenol und seine Derivate
341. p-tert.-Butyl-brenzcatechin
358. Purocumarine [z.B. Triocysalenum\* 8-Methoxypuralen], ausgenommen normale Gehalte in natürlichen ätherischen Ölen
360. Sassafras officinale Boiss, Öl, saffrolhaltig.



Anhang III, Erster Teil

4. Chlorobutanolum Spalte e: In Aerosolpackungen verboten
9. o-,m-Phenylendiamine, ihre N-substituierten Derivate und ihre Salze. N-substituierte Derivate des p-Phenylendiamins Spalte c: Oxidations-Haarfärbemittel
10. o-,m-,p-Toluylendiamine, ihre N-substituierten Derivate und ihre Salze Spalte c: Oxidations-Haarfärbemittel
11. Diaminophenole Spalte c: Oxidations-Haarfärbemittel  
Spalte f: Erzeugnis kann eine allergische Reaktion hervorrufen. Vorherige Allergieprobe ratsam. Enthält ....
13. Wasserstoffperoxid
15. Hexachlorophenum Spalte f: Nicht zur Babypflege verwenden  
Enthält Hexachlorophen
16. Hydrochinon Spalte f: Nicht zur Färbung von Wimpern und Augenbrauen verwenden.  
Sofort Augen.....
19.  $\alpha$ -Naphthol Spalte c: Oxidations-Haarfärbemittel
24. Pyrogallol Spalte c: Oxidations-Haarfärbemittel
26. Resorcin Spalte c: a) Oxidations-Haarfärbemittel  
Spalte f: a) Erzeugnis kann eine allergische Reaktion hervorrufen. Enthält Resorcin. Nach Anwendung die Haare gut spülen. Nicht zur Färbung von Wimpern und Augenbrauen verwenden. Sofort ...

Anhang III, Zweiter Teil

d) Violett, braun, schwarz und weiß:

Nr. 21 77 891 E 171, Titandioxid (und seine Gemische mit Glimmer)

Nr. 23 75 170 Guanin oder Perlglanz-Mittel

Anhang IV, Erster Teil

- |  |  |
|--|--|
| 5. Monoglyzerinester der<br><u>p-Aminobenzoesäure</u>  | Spalte f: Enthält Monoglyzerinest-<br>der <u>p-Aminobenzoesäure</u>  |
| 6. <u>8-Quinolinol</u> und sein Sulfat   |  |
| 7. Ammoniummonofluor-<br>phosphat  | Spalte f: Enthält Ammoniummono-<br><u>fluorphosphat</u>  |
| 8. Natriummonofluor-<br>phosphat.  | Spalte f: Enthält Natriummono-<br><u>fluorphosphat</u>   |
| 9. Kaliummonofluor-<br>phosphat  | Spalte f: Enthält Kaliummono-<br><u>fluorphosphat</u>  |
| 10. Calciummonofluorphosphat   | Spalte f: Enthält Calciummono-<br><u>fluorphosphat</u>   |
| 17. Cetylamin- <u>hydrofluorid</u><br>(Hexadecylamin- <u>hydrofluorid</u> )                              | Spalte f: Enthält Cetylamin-<br><u>hydrofluorid</u>  |
| 18. Bis-( <u>hydroxyäthyl</u> )-aminopropyl-<br>N- <u>hydroxyäthyl-oktadecylamin</u> -<br>dihydrofluorid | Spalte f: Enthält Bis-( <u>hydroxyäthyl</u> )-<br>aminopropyl-N- <u>hydroxyäthyl</u> -<br>oktadecylamin- <u>dihydrofluorid</u> |
| 19. N,N',N'-Tri-( <u>polyoxyäthylen</u> )-<br>N- <u>hexadecyl-propylendiamin</u> -<br>dihydrofluorid     | Spalte f: Enthält N,N',N'-Tri-( <u>poly-</u><br>oxyäthylen)-N- <u>hexadecyl-</u><br>propylendiamin- <u>dihydrofluorid</u>      |
| 20. Oktadecylamin- <u>hydrofluorid</u>   | Spalte f: Enthält Oktadecylamin-<br><u>hydrofluorid</u>  |
| 26. 1,3-Bis-( <u>hydroxymethyl</u> )-<br>imidazolidin- <u>2-thion</u>                                    | Spalte e: a) in <u>Aerosolpackungen</u><br>verboten<br>b) idem   |
| 27. 1,3-Bis-( <u>hydroxymethyl</u> )-<br>thioharnstoff   | Spalte f: Enthält 1,3-Bis-( <u>hydroxy-</u><br>(a und b) <u>methyl</u> )-imidazolidin- <u>2-thion</u>                          |
| 29. 1-Hydroxymethylimidazolidin-<br>2-thion  | Spalte f: Enthält 1,3-Bis-( <u>hydroxy-</u><br><u>methyl</u> )-thioharnstoff   |
| 30. 1-(Morpholinomethyl)-<br>thioharnstoff   | Spalte f: Enthält 1-(Morpholinomethyl)-<br>thioharnstoff   |

31. 1,3-Bis-(Morpholino-  
methyl)-thioharnstoff

Spalte f: Enthält 1,3-Bis-(Morpholino-  
methyl)-thioharnstoff

32. 1,1,1-Trichloräthan  
(Methylchloroform)

Spalte c: Aerosolpackungen

33. Tribromsalicylanilid  
(zum Beispiel  
Tribromsalanum\*)

Spalte f: Enthält Tribromsalicylanilid

Anhang IV, Zweiter Teil

0

Fußnote (2) zur Überschrift:

....; daß der Farbstoff nicht zur Herstellung von kosmetischen Mitteln  
verwendet werden darf, die mit den Schleimhäuten des Auges in Berührung  
kommen können.....

d) Violett, braun, schwarz und weiß:

Nr. 6 77 163 Wismutoxichlorid (und seine  
Verbindungen mit Glimmer)

0

Anhang V

4. p-Phenylendiamin und seine Salze

LIJST VAN KORREKTIES op de Nederlandse tekstBijlage II

15:..Rauwolfia	wordt gelezen	: Rauwolfia
34:..genzopyran		benzopyran
182: Etheenoxyde		Ethyleenoxyde
215: Ipecacuanha Uragoga Bailloen		Uragoga ipecacuanha Baill.
220: Babituurzuur		Barbituurzuur
221: ...bijlage IV		bijlagen IV en V
250: ...alkalische zouten		alkalizouten
268: ...alkalische zouten		alkalizouten
291: Prunus laurocerasus		Prunus laurocerasus
314: Tetrachlooretheen		Tetrachloorethyleen
315: Tetrachloorkoolstof		Tetrachloorkoolstof
340: p-butyltert.-		p-tert. butyl
341: p-butyl tert.-		p-tert. butyl

Bijlage III, eerste deel

4, kolom e: ...aerosolgeneratoren	wordt	...spuitbussen
8, kolom b: Methylleenchloride	gelezen	: Dichloormethaan
13, kolom b: Waterstofperoxyde		Waterstofperoxide
14, kolom c: ...aerosolgeneratoren		...spuitbussen
26, kolom b en f: resorcine		resorcinol