



COSMETICS EUROPE:
COSMETICS DIRECTIVE 76/768/ECC
CONSOLIDATED VERSION

DECEMBER 2004

FOREWORD

Dear reader,

This publication contains a consolidated version of Council Directive 76/768/EEC on the approximation of the laws of the Member States relating to cosmetic products.

This document has been edited as one continuing text of recitals, articles and annexes, whereby each item has been adapted to take into account all changes introduced by the successive amendments to the Cosmetics Directive (including its 7th Amendment) and adaptations to technical progress up to 21 September 2004.

This document has been prepared by Colipa to assist its member associations and companies, as well as other interested persons. This document has no force in law. Where doubts exist, the original legal texts published in the Official Journal of the European Union prevail.

I wish you a fruitful reading,



A handwritten signature in black ink, appearing to read 'B. Heerink', written in a cursive style.

Bertil Heerink
Director-General

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Recitals of the original Council Directive 76/768/EEC of 27 July 1976 on the approximation of the laws of the Member States relating to cosmetics products.

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 provisions laid down by law, regulation or administrative action in force in the Member States define the composition characteristics to which cosmetic products must conform and prescribe rules for their labelling and for their packaging; whereas these provisions differ from one Member State to another;

Whereas the differences between these laws oblige Community cosmetic producers to vary their production according to the Member State for which the products are intended; whereas, consequently, they hinder trade in these products and, as a result, have a direct effect on the establishment and functioning of the common market;

Whereas the main objective of these laws is the safeguarding of public health and whereas, as a result, the pursuit of the same objective must inspire Community legislation in this sector; whereas, however, this objective must be attained by means which also take account of economic and technological requirements;

Whereas it is necessary to determine at Community level the regulations which must be observed as regards the composition, labelling and packaging of cosmetic products;

Whereas this Directive relates only to cosmetic products and not to pharmaceutical specialities and medicinal products; whereas for this purpose it is necessary to define the scope of this Directive by delimiting the field of cosmetics from that of pharmaceuticals; whereas this delimitation follows in particular from the detailed definition of cosmetic products, which refers both to their areas of application and to the purposes of their use; whereas this Directive is not applicable to the products that fall under the definition of cosmetic products but are exclusively intended to protect from disease; whereas, moreover, it is advisable to specify that certain products come under this definition, whilst products containing substances or preparations intended to be ingested, inhaled, injected or implanted in the human body do not come under the field of cosmetics;

Whereas in the present state of research, it is advisable to exclude cosmetic products containing one of the substances listed in Annex V from the scope of this Directive;

Whereas cosmetic products must not be harmful under normal or foreseeable conditions of use; whereas in particular it is necessary to take into account the possibility of danger to zones of the body that are contiguous to the area of application;

Whereas, in particular, the determination of the methods of analysis together with possible modifications or additions which may have to be made to them on the basis of the results of scientific and technical research, are implementing measures of a technical nature; whereas it is advisable to entrust their adoption to the Commission, subject to certain conditions specified in this Directive, for the purpose of simplifying and accelerating the procedure;

Whereas technical progress necessitates rapid adaptation of the technical provisions defined in this Directive and in subsequent Directives in this field; whereas it is advisable, in order to facilitate implementation of the measures necessary for this purpose, to provide for a procedure establishing close cooperation between the Member States and the Commission within the Committee for adaptation to technical progress of Directives aimed at the removal of technical obstacles to trade in the cosmetic products sector;

Whereas it is necessary, on the basis of scientific and technical research, to draw up proposals for lists of authorized substances which could include antioxidants, hair dyes, preservatives and ultraviolet filters, taking into account in particular the problem of sensitization;

Whereas it could happen that although conforming to the provisions of this Directive and its Annexes, cosmetic products placed on the market might endanger public health; whereas it is therefore advisable to provide for a procedure intended to remove this danger.

Recitals of Directive 93/35/EEC of 14 June 1993 (6th Amendment) amending Council Directive 76/768/EEC of 27 July 1976 on the approximation of the laws of the Member States relating to cosmetics products

THE COUNCIL OF THE EUROPEAN COMMUNITIES,

Whereas the legal ambiguities in Directive 76/768/EEC particularly in Articles 1 and 2, should be removed;

Whereas it has become apparent that it is desirable that data on the ingredients employed in cosmetic products be gathered so that all issues relating to their use and the resulting action at Community level may be assessed with a view, in particular, to the establishment of a common nomenclature of ingredients used in cosmetic products; whereas the gathering of that data can be facilitated if the Commission compiles an inventory of the ingredients concerned; whereas that inventory will be indicative and is not intended to constitute a limitative list of substances used in cosmetic products;

Whereas greater transparency is needed regarding the ingredients employed in cosmetics if the latter are to be placed on the market without any prior procedure, if the necessary information on the finished product is to be available solely at the place of manufacture or of initial importation into the Community and if better information is to be provided to the consumer; whereas such transparency should be achieved by indication of a product's function and of the ingredients used in a cosmetic product on its packaging; whereas where for practical reasons it is impossible to indicate the ingredients and any warnings regarding use on the container or the packaging, such particulars should be enclosed so that the consumer may have access to all necessary information;

Whereas, with regard to the finished cosmetic product, it should be made clear which information is to be made available to the monitoring authorities of the place of manufacture or of initial importation into the Community market; whereas that information should include all the necessary particulars relating to identity, quality, safety for human health and the effects claimed for the cosmetic product;

Whereas, however, for reasons of monitoring, the competent authority should be apprised of the place of manufacture and of the information needed for rapid and appropriate medical treatment in the event of difficulties;

Whereas the Commission should be authorized to amend Annexes I and VIII to Directive 76/768/EEC in view of their illustrative and technical nature;

Whereas assessment of the safety of use of the ingredients employed in cosmetics and of the final product should take account of the requirements of Directive 86/609/EEC which concerns the protection of animals used for experimental and other scientific purposes, and in particular Article 7 (2) thereof;

Whereas testing on animals of ingredients or combinations of ingredients should be banned as from 1 January 1988; whereas, however, that date should be postponed where alternative methods of testing have not been scientifically validated; whereas the Commission should submit a report on progress made with regard to such methods.

Recitals of Directive 2003/15/EC of 27 February 2003 (7th Amendment) amending Council Directive 76/768/EEC of 27 July 1976 on the approximation of the laws of the Member States relating to cosmetics products

THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION

Having regard to the Treaty establishing the European Community, and in particular Article 95 thereof,

Having regard to the proposal from the Commission (1),

Having regard to the opinion of the European Economic and Social Committee (2),

Acting in accordance with the procedure laid down in Article 251 of the Treaty in the light of the joint text approved by the Conciliation Committee on 3 December 2002 (3),

Whereas:

- (1) Council Directive 76/768/EEC(4) has comprehensively harmonised the national laws relating to cosmetic products and has as its main objective the protection of public health. To this end, it continues to be indispensable to carry out certain toxicological tests to evaluate the safety of cosmetic products.
- (2) The Protocol on protection and welfare of animals annexed by the Treaty of Amsterdam to the Treaty establishing the European Community provides that the Community and the Member States are to pay full regard to the welfare requirements of animals in the implementation of Community policies, in particular with regard to the internal market.
- (3) Council Directive 86/609/EEC of 24 November 1986 on the approximation of laws, regulations and administrative provisions of the Member States regarding the protection of animals used for experimental and other scientific purposes(5) has established common rules for the use of animals for experimental purposes within the Community and laid down the conditions under which such experiments must be carried out in the territory of the Member States. In particular, Article 7 of that Directive requires that animal experiments be replaced by alternative methods, when such methods exist and are scientifically satisfactory. In order to facilitate the development and use of alternative methods in the cosmetic sector which do not use live animals, specific provisions have been introduced by Council Directive 93/35/EEC of 14 June 1993 amending for the sixth time Directive 76/768/EEC on the approximation of the laws of the Member States relating to cosmetic products (6).

However, these provisions concern only alternative methods which do not use animals and they do not take account of alternative methods developed in order to reduce the number of animals used for experiments or to reduce their suffering. Therefore, in order to afford optimal protection to animals used for testing cosmetic products pending implementation of the prohibition of animal tests for cosmetic products and the marketing of animal-tested cosmetic products in the Community, these provisions should be amended in order to provide for the systematic use of alternative methods, which reduce the number of animals used or reduce the suffering caused, in those cases where full replacement alternatives are not yet available, as provided by Article 7 (2) and (3) of Directive 86/609/EEC, when these methods offer consumers a level of protection equivalent to that of the conventional methods which they intend to replace.

(1) OJ C 311 E, 31.10.2000, p. 134 and OJ C 51 E, 26.2.2002, p. 385.

(2) OJ C 367, 20.12.2000, p. 1.

(3) Opinion of the European Parliament of 3 April 2001 (OJ C 21 E, 24.1.2002, p. 24), Council Common Position of 14 February 2002 (OJ C 113 E, 14.5.2002, p. 109) and Decision of the European Parliament of 11 June 2002 (not yet published in the Official Journal). Decision of the European Parliament of 15 January 2003.

(4) OJ L 262, 27.7.1976, p. 169. Directive as last amended by Commission Dir. 2002/34/EC (OJ L 102, 18.4.2002,p19).

(5) OJ L 358, 18.12.1986, p. 1.

(6) OJ L 151, 23.6.1993, p. 32.

- (4) In accordance with Directive 86/609/EEC and with Directive 93/35/EEC, it is essential that the aim of abolishing animal experiments for testing cosmetic products be pursued and that the prohibition of such experiments becomes effective in the territory of the Member States. In order to ensure that this prohibition is fully implemented, it may be necessary for the Commission to bring forward further proposals to amend Directive 86/609/EEC.
- (5) Currently, only alternative methods which are scientifically validated by the European Centre for the Validation of Alternative Methods (ECVAM) or the Organisation for Economic Cooperation and Development (OECD) and applicable to the whole chemical sector are systematically adopted at Community level. However, the safety of cosmetic products and their ingredients may be ensured through the use of alternative methods which are not necessarily applicable to all uses of chemical ingredients. Therefore, the use of such methods by the whole cosmetic industry should be promoted and their adoption at Community level ensured, when such methods offer an equivalent level of protection to consumers.
- (6) The safety of finished cosmetic products can already be ensured on the basis of knowledge of the safety of the ingredients that they contain. Provisions prohibiting animal testing of finished cosmetic products can therefore be incorporated into Directive 76/768/EEC. The Commission should establish guidelines in order to facilitate the application, in particular by small and medium sized enterprises, of methods which do not involve the use of animals for assessing the safety of finished cosmetic products.
- (7) It will gradually become possible to ensure the safety of ingredients used in cosmetic products by using non-animal alternative methods validated at Community level, or approved as being scientifically validated, by ECVAM and with due regard to the development of validation within the OECD. After consulting the Scientific Committee on Cosmetic Products and Non-Food Products intended for Consumers (SCCNFP) as regards the applicability of the validated alternative methods to the field of cosmetic products, the Commission should immediately publish the validated or approved methods recognised as being applicable to such ingredients. In order to achieve the highest possible degree of animal protection, a deadline must be set for the introduction of a definitive prohibition.
- (8) The Commission should establish timetables of deadlines for the prohibition of the marketing of cosmetic products, the final formulation, ingredients or combinations of ingredients which have been tested on animals, and for the prohibition of each test currently carried out using animals, up to a maximum of six years from the date of entry into force of this Directive. In view, however, of the fact that there are no alternatives yet under consideration for tests concerning repeated-dose toxicity, reproductive toxicity and toxicokinetics, it is appropriate for the maximum deadline for the prohibition of the marketing of cosmetic products for which those tests are used to be 10 years from the date of entry into force of this Directive. On the basis of annual reports, the Commission should be authorised to adapt the timetables within the respective abovementioned maximum time limits.
- (9) Better coordination of resources at Community level will contribute to increasing the scientific knowledge indispensable for the development of alternative methods. It is essential, for this purpose, that the Community continue and increase its efforts and take the measures necessary for the promotion of research and the development of new non-animal alternative methods, in particular within its Sixth Framework Programme as set out in Decision No 1513/EC/2002 of the European Parliament and of the Council (1).

(1) OJ L 232, 29.8.2002, p. 1.

- (10) The recognition by non-member countries of alternative methods developed in the Community should be encouraged. In order to achieve this objective, the Commission and the Member States should take all the appropriate steps to facilitate acceptance of such methods by OECD. The Commission should also endeavour, within the framework of European Community cooperation agreements, to obtain recognition of the results of safety tests carried out in the Community using alternative methods so as to ensure that the export of cosmetic products for which such methods have been used is not hindered and to prevent or avoid non-member countries requiring the repetition of such tests using animals.
- (11) It should be possible to claim on a cosmetic product that no animal testing was carried out in relation to its development. The Commission, in consultation with the Member States, should develop guidelines to ensure that common criteria are applied in the use of claims and that an aligned understanding of the claims is reached, and in particular that such claims do not mislead the consumer. In developing such guidelines, the Commission must also take into account the views of the many small and medium-sized enterprises which make up the majority of the 'non-animal testing' producers, relevant non-governmental organisations, and the need of consumers to be able to make practical distinctions between products on the basis of animal testing criteria.
- (12) The SCCNFP stated in its opinion of 25 September 2001 that substances classified pursuant to Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances (2) as carcinogenic (except substances only carcinogenic by inhalation), mutagenic or toxic for reproduction, of category 1 or 2, and substances with similar potential, must not be intentionally added to cosmetic products, and that substances classified pursuant to Directive 67/548/EEC as carcinogenic, mutagenic or toxic for reproduction, of category 3, and substances with similar potential, must not be intentionally added to cosmetic products unless it can be demonstrated that their levels do not pose a threat to the health of the consumer.
- (13) Given the special risks that substances classified as carcinogenic, mutagenic or toxic for reproduction, category 1, 2 and 3, pursuant to Directive 67/548/EEC may entail for human health, their use in cosmetic products should be prohibited. A substance classified in category 3 may be used in cosmetics if the substance has been evaluated by the SCCNFP and found acceptable for use in cosmetic products.
- (14) In order to improve the information provided to consumers, cosmetic products should bear more precise indications concerning their durability for use.
- (15) Certain substances have been identified as an important cause of contact-allergy reactions in fragrance-sensitive consumers. In order to ensure that such consumers are adequately informed, it is therefore necessary to amend the provisions of Directive 76/768/EEC to require that the presence of these substances be mentioned in the list of ingredients. This information will improve the diagnosis of contact allergies among such consumers and will enable them to avoid the use of cosmetic products which they do not tolerate.
- (16) A number of substances have been identified by the SCCNFP as likely to cause allergenic reactions and it will be necessary to restrict their use and/or impose certain conditions concerning them.
- (17) The measures necessary for the implementation of this Directive should be adopted in accordance with Council Decision 1999/468/EC of 28 June 1999 laying down the procedures for the exercise of implementing powers conferred on the Commission (1).

(1) OJ L 184, 17.7.1999, p. 23.

(18) The provisions of Directive 93/35/EEC banning the marketing of cosmetic products containing ingredients or combinations of ingredients tested on animals should be superseded by the provisions of this Directive. In the interests of legal certainty therefore it is appropriate to apply Article 1(1) of this Directive with effect from 1 July 2002, whilst fully respecting the principle of legitimate expectations.

Directive 76/768/EEC

Consolidated version

ARTICLE 1

1. A "cosmetic product" shall mean any substance or preparation intended to be placed in contact with the various external parts of the human body (epidermis, hair system, nails, lips and external genital organs) or with the teeth and the mucous membranes of the oral cavity with a view exclusively or mainly to cleaning them, perfuming them, changing their appearance and/or correcting body odours and/or protecting them or keeping them in good condition.
2. The products to be considered as cosmetic products within the meaning of this definition are listed in Annex 1.
3. Cosmetic products containing one of the substances listed in Annex V shall be excluded from the scope of this Directive. Member States may take such measures as they deem necessary with regard to those products.

ARTICLE 2

A cosmetic product put on the market within the Community must not cause damage to human health when applied under normal or reasonably foreseeable conditions of use, taking account in particular, of the product's presentation, its labelling, any instructions for its use and disposal as well as any other indication or information provided by the manufacturer or his authorized agent or by any other person responsible for placing the product on the Community market.

The provision of such warnings shall not, in any event, exempt any person from compliance with the other requirements laid down in this Directive.

ARTICLE 3

Member States shall take all necessary measures to ensure that only cosmetic products which conform to the provisions of this Directive and its Annexes may be put on the market.

ARTICLE 4

1. Without prejudice to their general obligations deriving from Article 2, Member States shall prohibit the marketing of cosmetic products containing:
 - (a) substances listed in Annex II;
 - (b) substances listed in the first part of Annex III, beyond the limits and outside the conditions laid down;
 - (c) colouring agents other than those listed in Annex IV, Part I, with the exception of cosmetic products containing colouring agents intended solely to colour hair;

- (d) colouring agents listed in Annex IV, Part 1, used outside the conditions laid down, with the exception of cosmetic products containing colouring agents intended solely to colour hair;
 - (e) preservatives other than those listed in Annex VI, Part 1;
 - (f) preservatives listed in Annex VI, Part 1, beyond the limits and outside the conditions laid down, unless other concentrations are used for specific purposes apparent from the presentation of the product;
 - (g) UV filters other than those listed in Part 1 of Annex VII;
 - (h) UV filters listed in Part 1 of Annex VII, beyond the limits and outside the conditions laid down therein.
2. The presence of traces of the substances listed in Annex II shall be allowed provided that such presence is technically unavoidable in good manufacturing practice and that it conforms with Article 2.

ARTICLE 4a ⁽¹⁾

1. Without prejudice to the general obligations deriving from Article 2, Member States shall prohibit:
- (a) the marketing of cosmetic products where the final formulation, in order to meet the requirements of this Directive, has been the subject of animal testing using a method other than an alternative method after such alternative method has been validated and adopted at Community level with due regard to the development of validation within the OECD;
 - (b) the marketing of cosmetic products containing ingredients or combinations of ingredients which, in order to meet the requirements of this Directive, have been the subject of animal testing using a method other than an alternative method after such alternative method has been validated and adopted at Community level with due regard to the development of validation within the OECD;
 - (c) the performance on their territory of animal testing of finished cosmetic products in order to meet the requirements of this Directive;
 - (d) the performance on their territory of animal testing of ingredients or combinations of ingredients in order to meet the requirements of this Directive, no later than the date on which such tests are required to be replaced by one or more validated alternative methods listed in Annex V to Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances ⁽²⁾ or in Annex IX to this Directive.

(1) Colipa note: The animal testing provisions of the 6th Amendment (i.e. Article 4(1)(i) of Directive 93/35/EEC) were repealed and replaced by Article 4a, introduced by the 7th Amendment (Directive 2003/15/EC). This specific provision entered into force retroactively on 1 July 2002, as opposed to the general entry into force of Directive 2003/15/EC, i.e. the day of publication of Directive 2003/15/EC in the EU Official Journal, which happened on 11 March 2003.

(2) OJ 196, 16.8.1967, p. 1. Directive as last amended by Commission Directive 2001/59/EC (OJ L 225, 21.8.2001, p.1).

No later than 11 September 2004 the Commission shall, in accordance with the procedure referred to in Article 10(2) and after consultation of the Scientific Committee on Cosmetic Products and Non-Food Products intended for consumers (SCCNFP) establish the contents of Annex IX.

2. The Commission, after consultation of the SCCNFP and of the European Centre for the Validation of Alternative Methods (ECVAM) and with due regard to the development of validation within the OECD, shall establish timetables for the implementation of the provisions under paragraph 1(a), (b) and (d), including deadlines for the phasing-out of the various tests. The timetables shall be made available to the public not later than 11 September 2004 and be sent to the European Parliament and the Council. The period for implementation shall be limited to a maximum of six years after the entry into force of Directive 2003/15/EC in relation to paragraph 1(a), (b) and (d).
- (2.1) In relation to the tests concerning repeated-dose toxicity, reproductive toxicity and toxicokinetics, for which there are no alternatives yet under consideration, the period for implementation of paragraph 1(a) and (b) shall be limited to a maximum of 10 years after the entry into force of Directive 2003/15/EC.
- (2.2) The Commission shall study possible technical difficulties in complying with the ban in relation to tests, in particular those concerning repeated-dose toxicity, reproductive toxicity and toxicokinetics, for which there are no alternatives yet under consideration. Information about the provisional and final results of these studies should form part of the yearly reports presented pursuant to Article 9.

On the basis of these annual reports, the timetables established in accordance with paragraph 2 may be adapted within a maximum time limit of six years as referred to in paragraph 2 or 10 years as referred to in paragraph 2.1 and after consultation of the entities referred to in paragraph 2.

- (2.3) The Commission shall study progress and compliance with the deadlines as well as possible technical difficulties in complying with the ban. Information about the provisional and final results of the Commission studies should form part of the yearly reports presented pursuant to Article 9. If these studies conclude, at the latest two years prior to the end of the maximum period referred to in paragraph 2.1, that for technical reasons one or more tests referred to in paragraph 2.1 will not be developed and validated before the expiry of the period referred to in paragraph 2.1 it shall inform the European Parliament and the Council and shall put forward a legislative proposal in accordance with Article 251 of the Treaty.
- (2.4) In exceptional circumstances where serious concerns arise as regards the safety of an existing cosmetic ingredient a Member State may request the Commission to grant a derogation from paragraph 1. The request shall contain an evaluation of the situation and indicate the measures necessary. On this basis, the Commission may, after consultation of the SCCNFP and by means of a reasoned decision, authorise the derogation in accordance with the procedure referred to in Article 10(2). This authorisation shall lay down the conditions associated with this derogation in terms of specific objectives, duration and reporting of the results.

A derogation shall only be granted if:

- (a) the ingredient is in wide use and cannot be replaced by another ingredient able to perform a similar function;
- (b) the specific human health problem is substantiated and the need to conduct animal tests is justified and is supported by a detailed research Protocol proposed as the basis for the evaluation.

The decision on the authorisation, the conditions associated with it and the final result achieved shall be part of the annual report to be presented by the Commission in accordance with Article 9.

3. For the purposes of this Article:

(a) “finished cosmetic product” means the cosmetic product in its final formulation, as placed on the market and made available to the final consumer, or its prototype.

(b) “prototype” means a first model or design that has not been produced in batches, and from which the finished cosmetic product is copied or finally developed.

ARTICLE 4b

The use in cosmetic products of substances classified as carcinogenic, mutagenic or toxic for reproduction, of category 1, 2 and 3, under Annex I to Directive 67/548/EEC shall be prohibited. To that end the Commission shall adopt the necessary measures in accordance with the procedure referred to in Article 10(2). A substance classified in category 3 may be used in cosmetics if the substance has been evaluated by the SCCNFP and found acceptable for use in cosmetic products.

ARTICLE 5

Member States shall allow the marketing of cosmetic products containing:

(a) the substances listed in Annex III, Part 2, within the limits and under the conditions laid down, up to the dates in column (g) of that Annex;

(b) the colouring agents listed in Annex IV, Part 2, within the limits and under the conditions laid down, until the admission dates given in that Annex;

(c) the preservatives listed in Annex VI, Part 2, within the limits and under the conditions laid down, until the dates given in column (f) of that Annex. However, some of these substances may be used in other concentrations for specific purposes apparent from the presentation of the product;

(d) the UV filters listed in Part 2 of Annex VII, within the limits and under the conditions laid down, until the dates given in column (f) of that Annex.

At these dates, these substances, colouring agents, preservatives and UV filters shall be:

- definitively allowed, or
- definitively prohibited (Annex II), or
- maintained for a given period specified in Part 2 of Annexes III, IV, VI and VII, or
- deleted from all the Annexes, on the basis of available scientific information or because they are no longer used.

ARTICLE 5a

1. No later than 14 December 1994 the Commission shall, under the procedure laid down in Article 10, compile an inventory of ingredients employed in cosmetic products, on the basis in particular of information supplied by the industry concerned.

For the purposes of this Article "cosmetic ingredient" shall mean any chemical substance or preparation of synthetic or natural origin, except for perfume and aromatic compositions, used in the composition of cosmetic products.

The inventory shall be divided into two sections: one concerning perfume and aromatic raw materials and the second concerning other substances.

2. The inventory shall contain information on:
 - the identity of each ingredient, in particular its chemical name, the CTFA name, the European Pharmacopoeia name, the international non-proprietary names recommended by the World Health Organisation, the EINECS, IUPAC, CAS and colour index numbers, and the common name referred to in Article 7(2),
 - the usual function(s) of the ingredient in the final product,
 - where appropriate, restrictions and conditions of use and warnings which must be printed on the label by reference to the Annexes.
3. The Commission shall publish the inventory and shall update it periodically under the procedure provided for in Article 10. The inventory shall be indicative and shall not constitute a list of the substances authorized for use in cosmetic products.

ARTICLE 6

1. Member States shall take all measures necessary to ensure that cosmetic products may be marketed only if the container and packaging bear the following information in indelible, easily legible and visible lettering; the information mentioned in point (g) may, however, be indicated on the packaging alone:
 - (a) the name or style and the address or registered office of the manufacturer or the person responsible for marketing the cosmetic product who is established within the Community. Such information may be abbreviated in so far as the abbreviation makes it generally possible to identify the undertaking. Member States may require that the country of origin be specified for goods manufactured outside the Community;
 - (b) the nominal content at the time of packaging, given by weight or by volume, except in the case of packaging containing less than five grams or five millilitres, free samples and single-application packs; for pre-packages normally sold as a number of items, for which details of weight or volume are not significant, the content need not be given provided the number of items appears on the packaging. This information need not be given if the number of items is easy to see from the outside or if the product is normally only sold individually;

(c) the date of minimum durability shall be indicated by the words: “best used before the end of” followed by either:

- the date itself, or
- details of where it appears on the packaging.

The date shall be clearly expressed and shall consist of either the month and year or the day, month and year in that order. If necessary, this information shall be supplemented by an indication of the conditions which must be satisfied to guarantee the stated durability.

Indication of the date of durability shall not be mandatory for cosmetic products with a minimum durability of more than 30 months. For such products, there shall be an indication of the period of time after opening for which the product can be used without any harm to the consumer. This information shall be indicated by the symbol given in Annex VIIIa followed by the period (in months and/or years) (1);

(d) particular precautions to be observed in use, especially those listed in the column "Conditions of use and warnings which must be printed on the label" in Annexes III, IV, VI and VII, which must appear on the container and packaging, as well as any special precautionary information on cosmetic products for professional use, in particular in hairdressing. Where this is impossible for practical reasons, an enclosed leaflet, label, tape or card must contain that information to which the consumer is referred either by abbreviated information or the symbol given in Annex VIII, which must appear on the container and the packaging;

(e) the batch number of manufacture or the reference for identifying the goods. Where this is impossible for practical reasons because the cosmetic products are too small, such information need appear only on the packaging;

(f) the function of the product, unless it is clear from the presentation of the product;

(g) a list of ingredients in descending order of weight at the time they are added. That list shall be preceded by the word “ingredients”. Where that is impossible for practical reasons, an enclosed leaflet, label, tape or card must contain the ingredients to which the consumer is referred either by abbreviated information or the symbol given in Annex VIII, which must appear on the packaging.

The following shall not, however, be regarded as ingredients:

- impurities in the raw materials used,
- subsidiary technical materials used in the preparation but not present in the final product,
- materials used in strictly necessary quantities as solvents or as carriers for perfume and aromatic compositions.

(1) Colipa note : The timeline for compliance with the new labelling provisions introduced by the 7th Amendment under Article 6.1.(c) third subparagraph and Article 6.1.(g) is regulated by Article 2 of Directive 2003/15/EC, which reads “Member States shall take all necessary measures to ensure that from 11 March 2005 neither manufacturers nor importers established within the Community place on the market cosmetic products which fail to comply with this Directive.”

Perfume and aromatic compositions and their raw materials shall be referred to by the word “perfume” or “aroma”. However, the presence of substances, the mention of which is required under the column “other limitations and requirements” in Annex III, shall be indicated in the list irrespective of their function in the product.

Ingredients in concentrations of less than 1 % may be listed in any order after those in concentrations of more than 1 %.

Colouring agents may be listed in any order after the other ingredients, in accordance with the colour index number or denomination adopted in Annex IV. For decorative cosmetic products marketed in several colour shades, all colouring agents used in the range may be listed, provided that the words “may contain” or the symbol “+/-” are added.

An ingredient must be identified by the common name referred to in Article 7(2) or, failing that, by one of the names referred to in Article 5a(2), first indent.

In accordance with the procedure referred to in Article 10(2), the Commission may adapt the criteria and conditions set out in Commission Directive 95/17/EC of 19 June 1995 laying down detailed rules for the application of Council Directive 76/768/EEC as regards the non-inclusion of one or more ingredients on the list used for the labelling of cosmetic products (1) under which a manufacturer may, for reasons of trade secrecy, apply not to include one or more ingredients on the abovementioned list (2).

Where it is impracticable, for reasons of size or shape, for the particulars referred to in points (d) and (g) to appear in an enclosed leaflet, those particulars shall appear on a label, tape or card which is enclosed or attached to the cosmetic product.

In the case of soap, bath balls and other small products where it is impracticable, for reasons of size or shape, for the particulars referred to in point (g) to appear on a label, tag, tape or card or in an enclosed leaflet, those particulars shall appear on a notice in immediate proximity to the container in which the cosmetic product is exposed for sale.

2. For cosmetic products that are not pre-packaged, are packaged at the point of sale at the purchaser's request, or are pre-packaged for immediate sale, Member States shall adopt detailed rules for indication of the particulars referred to in paragraph 1.
3. Member States shall take all measures necessary to ensure that, in the labelling, putting up for sale and advertising of cosmetic products, text, names, trade marks, pictures and figurative or other signs are not used to imply that these products have characteristics which they do not have. Furthermore, the manufacturer or the person responsible for placing the product on the Community market may take advantage, on the product packaging or in any document, notice, label, ring or collar accompanying or referring to the product, of the fact that no animal tests have been carried out only if the manufacturer and his suppliers have not carried out or commissioned any animal tests on the finished product, or its prototype, or any of the ingredients contained in it, or used any ingredients that have been tested on animals by others for the purpose of developing new cosmetic products. Guidelines shall be adopted in accordance with the procedure referred to in Article 10(2) and published in the *Official Journal of the European Union*. The European Parliament shall receive copies of the draft measures submitted to the Committee.

(1) OJ L 140, 23.6.1995, p. 26.

(2) Colipa note : The timeline for compliance with the new labelling provisions introduced by the 7th Amendment under Article 6.1.(c) third subparagraph and Article 6.1.(g) is regulated by Article 2 of Directive 2003/15/EC, which reads “Member States shall take all necessary measures to ensure that from 11 March 2005 neither manufacturers nor importers established within the Community place on the market cosmetic products which fail to comply with this Directive.”

ARTICLE 7

1. Member States may not, for reasons related to the requirements laid down in this Directive and the Annexes thereto, refuse, prohibit or restrict the marketing of any cosmetic products which comply with the requirements of this Directive and the Annexes thereto.
2. They may, however, require that the particulars provided for in Article 6 (1) (b), (c), (d) and (f) be expressed at least in their own national or official language or languages; they may also require that the particulars provided for in Article 6 (1) (g) be expressed in a language easily understood by the consumer. To that end, the Commission shall adopt a common ingredients nomenclature in accordance with the Article 10 procedure.
3. Furthermore, a Member State may, for purposes of prompt and appropriate medical treatment in the event of difficulties, require that appropriate and adequate information on substances used in cosmetic products be made available to the competent authority, which shall ensure that this information is used only for the purposes of such treatment.

Each Member State shall designate a competent authority and send details thereof to the Commission, which shall publish that information in the *Official Journal of the European Communities*.

ARTICLE 7a

1. The manufacturer or his agent or the person to whose order a cosmetic product is manufactured or the person responsible for placing an imported cosmetic product on the Community market shall for control purposes keep the following information readily accessible to the competent authorities of the Member State concerned at the address specified on the label in accordance with Article 6 (1) (a):
 - (a) the qualitative and quantitative composition of the product; in the case of perfume compositions and perfumes, the name and code number of the composition and the identity of the supplier;
 - (b) the physico-chemical and microbiological specifications of the raw materials and the finished product and the purity and microbiological control criteria of the cosmetic product;
 - (c) the method of manufacture complying with the good manufacturing practice laid down by Community law or, failing that, laid down by the law of the Member State concerned; the person responsible for manufacture or first importation into the Community must possess an appropriate level of professional qualification or experience in accordance with the legislation and practice of the Member State which is the place of manufacture or first importation;
 - (d) assessment of the safety for human health of the finished product. To that end the manufacturer shall take into consideration the general toxicological profile of the ingredients, their chemical structure and their level of exposure. It shall take particular account of the specific exposure characteristics of the areas on which the product will be applied or of the population for which it is intended. There shall be *inter alia* a specific assessment for cosmetic products intended for use on children under the age of three and for cosmetic products intended exclusively for use in external intimate hygiene.

Should the same product be manufactured at several places within Community territory, the manufacturer may choose a single place of manufacture where that information will be available. In this connection, and when so requested for monitoring purposes, it shall be obliged to indicate the place so chosen to the monitoring authority or authorities concerned. In this case this information shall be easily accessible;

- (e) the name and address of the qualified person or persons responsible for the assessment referred to in (d). That person must hold a diploma as defined in Article 1 of Directive 89/48/EEC in the field of pharmacy, toxicology, dermatology, medicine or a similar discipline;
- (f) existing data on undesirable effects on human health resulting from use of the cosmetic product;
- (g) proof of the effect claimed for the cosmetic product, where justified by the nature of the effect or product.
- (h) data on any animal testing performed by the manufacturer, his agents or suppliers, relating to the development or safety evaluation of the product or its ingredients, including any animal testing performed to meet the legislative or regulatory requirements of non-member countries.

Without prejudice to the protection, in particular, of commercial secrecy and of intellectual property rights, Member States shall ensure that the information required under (a) and (f) shall be made easily accessible to the public by any appropriate means, including electronic means. The quantitative information required under (a) to be made publicly accessible shall be limited to dangerous substances covered by Directive 67/548/EEC.

2. The assessment of the safety for human health referred to in paragraph 1 (d) shall be carried out in accordance with the principle of good laboratory practice laid down in Council Directive 87/18/EEC of 18 December 1986 on the harmonization of laws, regulations and administrative provisions relating to the application of the principles of good laboratory practice and the verification of their application for tests on chemical substances (1).
3. The information referred to in paragraph 1 must be available in the national language or languages of the Member State concerned, or in a language readily understood by the competent authorities.
4. The manufacturer or his agent, or the person to whose order a cosmetic product is manufactured, or the person responsible for placing imported cosmetic products on the Community market, shall notify the competent authority of the Member State of the place of manufacture or of the initial importation of the address of the place of manufacture or of initial importation into the Community of the cosmetic products before the latter are placed on the Community market.
5. Member States shall designate the competent authorities referred to in paragraphs 1 and 4 and shall send details thereof to the Commission, which shall publish that information in the *Official Journal of the European Communities*.
6. The Member States shall ensure that the abovementioned authorities continue to cooperate in areas where such cooperation is necessary to the smooth application of this Directive.

(1) OJ L 15, 17.1.1987, p. 29

ARTICLE 8

1. In accordance with the procedure laid down in Article 10 the following shall be determined:
 - the methods of analysis necessary for checking the composition of cosmetic products;
 - the criteria of microbiological and chemical purity of cosmetic products and methods for checking compliance with those criteria.
2. The common nomenclature of ingredients used in cosmetic products and, after consultation of the Scientific Committee for Cosmetic Products and Non-Food Products intended for Consumers, the amendments necessary for the adaptation to technical progress of the Annexes shall be adopted in accordance with the same procedure, as appropriate.

ARTICLE 8a

1. Notwithstanding Article 4 and without prejudice to Article 8 (2), a Member State may authorize the use within its territory of other substances not contained in the lists of substances allowed, for certain cosmetic products specified in its national authorization, subject to the following conditions:
 - (a) the authorization must be limited to a maximum period of three years;
 - (b) the Member State must carry out an official check on cosmetic products manufactured from the substance or preparation use of which it has authorized;
 - (c) cosmetic products thus manufactured must bear a distinctive indication which will be defined in the authorization.
2. The Member State shall forward to the Commission and to the other Member States the text of any authorization decision taken pursuant to paragraph 1 within two months of the date on which it came into effect.
3. Before expiry of the three-year period provided for in paragraph 1, the Member State may submit to the Commission a request for the inclusion in a list of permitted substances of the substance given national authorization in accordance with paragraph 1. At the same time, it shall supply supporting documents setting out the grounds on which it deems such inclusion justified and shall indicate the uses for which the substance or preparation is intended. Within 18 months of submission of the request, a decision shall be taken on the basis of the latest scientific and technical knowledge, after consultation, at the initiative of the Commission or of a Member State, of the Scientific Committee for Cosmetic Products and Non-Food Products intended for Consumers and in accordance with the procedure laid down in Article 10 as to whether the substance in question may be included in a list of permitted substances or whether the national authorization should be revoked. Notwithstanding paragraph 1 (a), the national authorization shall remain in force until a decision is taken on the request for inclusion in the list.

ARTICLE 9

Every year the Commission shall present a report to the European Parliament and the Council on:

- (a) progress made in the development, validation and legal acceptance of alternative methods. The report shall contain precise data on the number and type of experiments relating to cosmetic products carried out on animals. The Member States shall be obliged to collect that information in addition to collecting statistics as laid down by Council Directive 86/609/EEC of 24 November 1986 on the approximation of laws, regulations and administrative provisions of the Member States regarding the protection of animals used for experimental and other scientific purposes (1). The Commission shall in particular ensure the development, validation and legal acceptance of alternative test methods which do not use live animals;
- (b) progress made by the Commission in its efforts to obtain acceptance by the OECD of alternative methods validated at Community level and recognition by non-member countries of the results of the safety tests carried out in the Community using alternative methods, in particular within the framework of cooperation agreements between the Community and these countries;
- (c) the manner in which the specific needs of small and medium-sized enterprises have been taken into account.

ARTICLE 10

- 1. The Commission shall be assisted by the Standing Committee on Cosmetic Products.
- 2. Where reference is made to this paragraph, Articles 5 and 7 of Decision 1999/468/EC apply, having regard to the provisions of Article 8 thereof.

The period laid down in Article 5(6) of Decision 1999/468/EC shall be set at three months.

- 3. The Committee shall adopt its rules of procedure.

ARTICLE 11

Without prejudice to Article 5, and not later than 1 year after expiry of the period laid down in Article 14 (1) for implementation of this Directive by the Member States, the Commission shall, on the basis of the results of the latest scientific and technical research, submit to the Council appropriate proposals establishing lists of permitted substances.

ARTICLE 12

- 1. If a Member State notes, on the basis of a substantiated justification, that a cosmetic product, although complying with the requirements of the Directive, represents a hazard to health, it may provisionally prohibit the marketing of that product in its territory or subject it to special conditions. It shall immediately inform the other Member States and the Commission thereof, stating the grounds for its decision.

(1) OJ L 358, 18.12.1986, p. 1.

2. The Commission shall as soon as possible consult the Member States concerned, following which it shall deliver its opinion without delay and take the appropriate steps.
3. If the Commission is of the opinion that technical adaptations to the Directive are necessary, such adaptations shall be adopted by either the Commission or the Council in accordance with the procedure laid down in Article 10. In that event, the Member State which has adopted safeguard measures may maintain them until entry into force of the adaptations.

ARTICLE 13

Precise reasons shall be stated for any individual measures placing a restriction or ban on the marketing of cosmetic products taken pursuant to this Directive. It shall be notified to the party concerned together with particulars of the remedies available to him under the laws in force in the Member States and the time limits allowed for the exercise of such remedies.

ARTICLE 14 (1)

1. Member States shall bring into force the provisions needed in order to comply with this Directive within 18 months of its notification and shall forthwith inform the Commission thereof.
2. Member States may, however, for a period of 36 months from notification of this Directive, authorize the marketing in their territory of cosmetic products which do not conform to the requirements of the Directive.
3. Member States shall ensure that the texts of such provisions of national law which they adopt in the field governed by this Directive are communicated to the Commission.

ARTICLE 15

This Directive is addressed to the Member States.

(1) Colipa note: Article 14 pertains to the original Council Directive and is now obsolete. The deadlines for compliance, transposition and entry into force of Directive 2003/15/EC (“7th Amendment”) are regulated by its Articles 2, 3 and 4.

Article 2, which provides specific deadlines for **compliance with the new labelling provisions** of Directive 2003/15/EC reads: “Member States shall take all necessary measures to ensure that from 11 March 2005 neither manufacturers nor importers established within the Community place on the market cosmetic products which fail to comply with this Directive.” (Articles 6(1)(c) third subparagraph and 6(1)(g) third subparagraph).

Article 3, which governs the **transposition** of Directive 2003/15/EC by the Member States reads: “Member States shall bring into force the laws, regulations and administrative provisions necessary to comply with this Directive before 11 September 2004 (...).”

Article 4, which relates to the **entry into force** of Directive 2003/15/EC reads: “This Directive shall enter into force on the day of its publication in the Official Journal of the European Union [Colipa note: The date of publication was 11 March 2003]. By way of derogation from Article 3, Article 1 (point 1) shall apply from 1 July 2002” [Colipa note: Article 1 (point 1) deleted Article 4(1)(i) of the 76/768/EEC Directive, on the marketing ban of cosmetic products tested on animals] .

ANNEX I

ILLUSTRATIVE LIST BY CATEGORY OF COSMETIC PRODUCTS

- Creams, emulsions, lotions, gels and oils for the skin (hands, face, feet, etc.).
- Face masks (with the exception of chemical peeling products).
- Anti-wrinkle products.
- Tinted bases (liquids, pastes, powders).

- Toilet soaps, deodorant soaps, etc.
- Bath and shower preparations (salts, foams, oils, gels, etc.).

- Perfumes, toilet waters and eau de Cologne.
- Deodorants and anti-perspirants.

- Depilatories.
- Shaving products (creams, foams, lotions, etc.).

- Hair care products:
 - hair tints and bleaches,
 - products for waving, straightening and fixing,
 - setting products,
 - cleansing products (lotions, powders, shampoos),
 - conditioning products (lotions, creams, oils),
 - hairdressing products (lotions, lacquers, brilliantines).

- Make-up powders, after-bath powders, hygienic powders, etc.
- Products for nail care and make-up.
- Products for making-up and removing make-up from the face and the eyes.

- Products intended for application to the lips.
- Products for care of the teeth and the mouth.

- Products for external intimate hygiene.

- Sunbathing products.
- Products for tanning without sun.
- Skin-whitening products.

ANNEX II

LIST OF SUBSTANCES WHICH MUST NOT FORM PART OF THE COMPOSITION OF COSMETIC PRODUCTS

[(*) In this Directive, names followed by an asterisk are those published in "Computer print-out 1975, International Non-proprietary Names (INN) for pharmaceutical products, Lists 1-33 of proposed INN" WHO, Geneva, August 1975.]

1. N-5-Chlorobenzoxazol-2-ylacetamide
2. b-Acetoxyethyl trimethyl ammonium hydroxide (acetylcholine and its salts)
3. Deanol aceglumate*
4. Spironolactone*
5. [4-(4-Hydroxy-3-iodophenoxy)-3,5-diiodophenyl] acetic acid and its salts
6. Methotrexate*
7. Aminocaproic acid* and its salts
8. Cinchophen*, its salts, derivatives and salts of these derivatives
9. Thyropropic acid* and its salts
10. Trichloroacetic acid
11. *Aconitum napellus* L. (leaves, roots and galenical preparations)
12. Aconitine (principal alkaloid of *Aconitum napellus* L.) and its salts
13. *Adonis vernalis* L. and its preparations
14. Epinephrine*
15. *Rauwolfia serpentina* alkaloids and their salts
16. Alkyne alcohols, their esters, ethers and salts
17. Isoprenaline*
18. Allyl isothiocyanate
19. Alloclamide* and its salts
20. Nalorphine*, its salts and ethers
21. Sympathicomimetic amines acting on the central nervous system: any substance contained in the first list of medicaments which are subject to medical prescription and are referred to in resolution AP (69) 2 of the Council of Europe.
22. Aniline, its salts and its halogenated and sulphonated derivatives
23. Betoxycaïne* and its salts
24. Zoxazolamine*
25. Procainamide*, its salts and derivatives
26. Benzidine
27. Tuaminoheptane*, its isomers and salts
28. Octodrine* and its salts
29. 2-Amino-1,2-bis (4-methoxyphenyl) ethanol and its salts
30. 1,3-Dimethylpentylamine and its salts

31. 4-Aminosalicylic acid and its salts
32. Toluidines, their isomers, salts and halogenated and sulphonated derivatives
33. Xylidines, their isomers, salts and halogenated and sulphonated derivatives
34. Imperatorin [9-(3-methoxybut-2-enyloxy) furo (3,2-g) chromen-7-one]
35. *Ammi majus* and its galenical preparations
36. 2,3-Dichloro-2-methylbutane
37. Substances with androgenic effect
38. Anthracene oil
39. Antibiotics
40. Antimony and its compounds
41. *Apocynum cannabinum L.* and its preparations
42. Apomorphine (5,6,6a,7-tetrahydro-6-methyl-4H-dibenzo (de,g)-quinoline-10,11-dihydric alcohol) and its salts
43. Arsenic and its compounds
44. *Atropa belladonna L.* and its preparations
45. Atropine, its salts and derivatives
46. Barium salts, with the exception of barium sulphate, barium sulphide under the conditions laid down in Annex III, Part 1, and lakes, salts and pigments prepared from the colouring agents listed with the reference (3) in Annex IV, Part 1, and Annex IV, Part 2.
47. Benzene
48. Benzimidazol-2(3H)-one
49. Benzazepines and benzadiazepines
50. 1-Dimethylaminomethyl-1-methylpropyl benzoate (amylocaine) and its salts
51. 2,2,6-Trimethyl-4-piperidyl benzoate (benzamine) and its salts
52. Isocarboxazide*
53. Bendroflumethiazide* and its derivatives
54. Beryllium and its compounds
55. Bromine, elemental
56. Bretylium tosilate*
57. Carbromal*
58. Bromisoval*
59. Brompheniramine* and its salts
60. Benzilium bromide*
61. Tetrylammonium bromide*
62. Brucine
63. Tetracaine* and its salts
64. Mofebutazone*
65. Tolbutamide*
66. Carbutamide*
67. Phenylbutazone*
68. Cadmium and its compounds
69. Cantharides, *Cantharis vesicatoria*
70. (1R, 2S)-Hexahydro-1,2-dimethyl-3,6-epoxyphthalic anhydride (cantharidin)
71. Phenprobamate*
72. Nitroderivatives of carbazol
73. Carbon disulphide
74. Catalase

75. Cephaeline and its salts
76. *Chenopodium ambrosioides* (essential oil)
77. 2,2,2-Trichloroethane-1,1-diol
78. Chlorine
79. Chlorpropamide*
80. Diphenoxylate* hydrochloride
81. 4-Phenylazophenylene-1,3-diamine citrate hydrochloride (chrysoidine citrate hydrochloride)
82. Chlorzoxazone*
83. 2-Chloro-6-methylpyrimidin-4-yl dimethylamine (crimidine-ISO)
84. Chlorprothixene* and its salts
85. Clofenamide*
86. N, N-bis (2-chloroethyl) methylamine N-oxide and its salts
87. Chlormethine* and its salts
88. Cyclophosphamide* and its salts
89. Mannomustine* and its salts
90. Butanilicaine* and its salts
91. Chloromezanone*
92. Triparanol*
93. 2-[2-(4-Chlorophenyl)-2-phenylacetyl] indan 1,3-dione (chlorophacinone-ISO)
94. Chlorphenoxamine*
95. Phenaglycodol*
96. Chloroethane
97. Chromium; chromic acid and its salts
98. *Claviceps purpurea Tul.*, its alkaloids and galenical preparations
99. *Conium maculatum L.* (fruit, powder, galenical preparations)
100. Glycyclamide*
101. Cobalt benzenesulphonate
102. Colchicine, its salts and derivatives
103. Colchicoside and its derivatives
104. *Colchicum autumnale L.* and its galenical preparations
105. Convallatoxin
106. *Anamirta cocculus L.* (fruit)
107. *Croton tiglium* (oil)
108. 1-Butyl-3-(N-crotonoylsulphanilyl) urea
109. Curare and curarine
110. Synthetic curarizants
111. Hydrogen cyanide and its salts
112. 2-a-Cyclohexylbenzyl (N,N,N', N' - tetraethyl) trimethylenediamine (phenetamine)
113. Cyclomenol* and its salts
114. Sodium hexacyclonate*
115. Hexapropymate*
116. Dextropropoxyphene*
117. O O-Diacetyl-N-allyl-N-normorphine
118. Pipazetate* and its salts
119. 5-(α , β -Dibromophenethyl) - 5 - methylhydantoin
120. N, N' - Pentamethylenebis (trimethylammonium) salts, e.g. Pentamethoniumbromide*
121. N, N' - [(Methylimino) diethylene] bis (ethyldimethylammonium) salts, e.g. azamethonium bromide*
122. Cyclobamate*

123. Clofenotane*; DDT (ISO)
124. Hexamethylenebis (trimethylammonium) salts, e.g. hexamethonium bromide*
125. Dichloroethanes (ethylene chlorides)
126. Dichloroethylenes (acetylene chlorides)
127. Lysergide* and its salts
128. 2-Diethylaminoethyl 3-hydroxy-4-phenylbenzoate and its salts
129. Cinchocaine* and its salts
130. 3-Diethylaminopropyl cinnamate
131. O,O'-Diethyl O-4-nitrophenyl phosphorothioate (parathion - ISO)
132. [(Oxalylbis (iminoethylene)] bis' [(O-chlorobenzyl) diethylammonium] salts, e.g. ambenomium chloride*
133. Methyprylon* and its salts
134. Digitaline and all heterosides of *Digitalis purpurea* L.
135. 7-[2-Hydroxy-3-(2-hydroxyethyl-N-methylamino) propyl] theophylline (xanthinol)
136. Dioxethedrin* and its salts
137. Piprocurarium*
138. Propyphenazone*
139. Tetrabenazine* and its salts
140. Captodiamine*
141. Mefeclozazine* and its salts
142. Dimethylamine
143. 1,1-Bis(dimethylaminomethyl) propyl benzoate (amydricine, alypine) and its salts
144. Methapyrilene* and its salts
145. Metamfepramone* and its salts
146. Amitriptyline* and its salts
147. Metformin* and its salts
148. Isosorbide dinitrate*
149. Malononitrile
150. Succinonitrile
151. Dinitrophenol isomers
152. Inproquone*
153. Dimevamide* and its salts
154. Diphenylpyraline* and its salts
155. Sulfinpyrazone*
156. N-(3-Carbamoyl-3,3-diphenylpropyl)-N,N-diisopropylmethylammonium salts, e.g. isopropamide iodide*
157. Benactyzine*
158. Benzatropine* and its salts
159. Cyclizine* and its salts
160. 5,5-Diphenyl-4-imidazolidone
161. Probenecid*
162. Disulfiram*; thiram (ISO)
163. Emetine, its salts and derivatives
164. Ephedrine and its salts
165. Oxanamide* and its derivatives
166. Eserine or physostigmine and its salts
167. Esters of 4-aminobenzoic acid, with the free amino group, with the exception of that given in Annex VII, Part 2.
168. Choline salts and their esters, e.g. choline chloride
169. Caramiphen* and its salts

170. Diethyl 4-nitrophenyl phosphate
171. Metethoheptazine* and its salts
172. Oxpheneridine* and its salts
173. Ethoheptazine* and its salts
174. Metheptazine* and its salts
175. Methylphenidate* and its salts
176. Doxylamine* and its salts
177. Tolboxane*
178. 4-Benzyloxyphenol and 4-ethoxyphenol
179. Parethoxycaine* and its salts
180. Fenozolone*
181. Glutethimide* and its salts
182. Ethylene oxide
183. Bemegride* and its salts
184. Valnoctamide*
185. Haloperidol*
186. Paramethasone*
187. Fluanisone*
188. Trifluperidol*
189. Fluoresone*
190. Fluorouracil*
191. Hydrofluoric acid, its normal salts, its complexes and hydrofluorides with the exception of those given in Annex III, Part1.
192. Furfuryltrimethylammonium salts, e.g. furtrethonium iodide*
193. Galantamine*
194. Progestogens
195. 1,2,3,4,5,6-Hexachlorocyclohexane (BHC-ISO) (lindane)
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)
197. Hexachloroethane
198. (1R, 4S, 5R, 8S)-1,2,3,4,10,10-Hexachloro-1,4,4a,5,8,8a-hexahydro-1,4,5,8-dimethano-naphthalene (isodrin-ISO)
199. Hydrastine, hydrastinine and their salts
200. Hydrazides and their salts
201. Hydrazine, its derivatives and their salts
202. Octamoxin* and its salts
203. Warfarin* and its salts
204. Ethyl bis(4-hydroxy-2-oxo-1-benzopyran-3-yl) acetate and salts of the acid
205. Methocarbamol*
206. Propatylnitrate*
207. 4,4'-Dihydroxy-3,3'-(3-methylthiopropylidene) dicoumarin
208. Fenadiazole*
209. Nitroxoline and its salts
210. Hyoscyamine, its salts and derivatives
211. *Hyoscyamus niger* L. (leaves, seeds, powder and galenical preparations)
212. Pemoline* and its salts
213. Iodine

214. Decamethylenebis (trimethylammonium) salts, e.g. decamethonium bromide
215. Ipecacuanha (*Cephaelis ipecacuanha* Brot. and related species) (roots, powder and galenical preparations)
216. (2-Isopropylpent-4-enoyl) urea (apronalide)
217. a-Santonin ((3S, 5aR, 9bS)-3,3a,4,5,5a,9b-hexahydro-3,5a,9-trimethylnaphto (1,2b) furan-2,8-dione
218. *Lobelia inflata* L. and its galenical preparations
219. Lobeline* and its salts
220. Barbiturates
221. Mercury and its compounds, except those special cases included in Annex VI, Part 1.
222. 3,4,5-Trimethoxyphenethylamine and its salts
223. Metaldehyde
224. 2-(4-Allyl-2-methoxyphenoxy)-N-N-diethylacetamide and its salts
225. Coumetarol*
226. Dextromethorphan* and its salts
227. 2-Methylheptylamine and its salts
228. Isometheptene* and its salts
229. Mecamylamine*
230. Guaifenesin*
231. Dicoumarol*
232. Phenmetrazine*, its derivatives and salts
233. Thiamazole*
234. 3,4-Dihydro-2-methoxy-2-methyl-4-phenyl-2H,5H, pyrano (3,2-c)-(1) benzopyran-5-one (cyclocoumarol)
235. Carisoprodol*
236. Meprobamate*
237. Tefazoline* and its salts
238. Arecoline
239. Poldine methylsulfate*
240. Hydroxyzine*
241. 2-Naphthol
242. 1- and 2-Naphthylamines and their salts
243. 3-(1-Naphthyl)-4-hydroxycoumarin
244. Naphazoline* and its salts
245. Neostigmine and its salts (e.g. neostigmine bromide*)
246. Nicotine and its salts
247. Amyl nitrites
248. Inorganic nitrites, with the exception of sodium nitrite
249. Nitrobenzene
250. Nitrocresols and their alkali metal salts
251. Nitrofurantoin*
252. Furazolidone*
253. Propane-1,2,3-triyl trinitrate
254. Acenocoumarol*
255. Alkali pentacyanonitrosylferrate (2-)
256. Nitrostilbenes, their homologues and their derivatives
257. Noradrenaline and its salts

258. Noscapine* and its salts
259. Guanethidine* and its salts
260. Oestrogens
261. Oleandrin
262. Chlortalidone*
263. Pelletierine and its salts
264. Pentachloroethane
265. Pentaerithrityl tetranitrate*
266. Petrichloral*
267. Octamylamine* and its salts
268. Picric acid
269. Phenacemide*
270. Difencloxazine*
271. 2-Phenylindane-1,3-dione (phenindione)
272. Ethylphenacemide*
273. Phenprocoumon*
274. Fenyramidol*
275. Triamterene* and its salts
276. Tetraethyl pyrophosphate; TEPP (ISO)
277. Tritolyl phosphate
278. Psilocybine*
279. Phosphorus and metal phosphides
280. Thalidomide* and its salts
281. *Physostigma venenosum* Balf.
282. Picrotoxin
283. Pilocarpine and its salts
284. α -Piperidin-2-yl benzyl acetate laevorotatory threoform (Levophacetoperane) and its salts
285. Pipradrol* and its salts
286. Azacyclonol* and its salts
287. Bietamiverine*
288. Butopiprine* and its salts
289. Lead and its compounds
290. Coniine
291. *Prunus laurocerasus* L. ('cherry laurel water')
292. Metyrapone*
293. Radioactive substances, as defined by Directive 96/29/Euratom⁽¹⁾ laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionising radiation.
294. *Juniperus sabina* L. (leaves, essential oil and galenical preparations)
295. Hyoscine, its salts and derivatives
296. Gold salts
297. Selenium and its compounds with the exception of selenium disulphide under the conditions set out under the reference n^o 49 in Annex III, Part 1
298. *Solanum nigrum* L. and its galenical preparations
299. Sparteine and its salts

⁽¹⁾ OJ L 159, 29.6.1996, p. 1.

300. Glucocorticoids
301. *Datura stramonium L.* and its galenical preparations
302. Strophantines, their aglucones and their respective derivatives
303. *Strophantus* species and their galenical preparations
304. Strychnine and its salts
305. *Strychnos* species and their galenical preparations
306. Narcotics, natural and synthetic: All substances listed in Tables I and II of the single Convention on narcotic drugs signed in New York on 30 March 1961.
307. Sulphonamides (sulphanylamide and its derivatives obtained by substitution of one or more H-atoms of the normal sized hyper-NH₂ groups) and their salts
308. Sultiame*
309. Neodymium and its salts
310. Thiotepa*
311. *Pilocarpus jaborandi Holmes* and its galenical preparations
312. Tellurium and its compounds
313. Xylometazoline* and its salts
314. Tetrachloroethylene
315. Carbon tetrachloride
316. Hexaethyl tetraphosphate
317. Thallium and its compounds
318. *Thevetia neriifolia Juss.* glycoside extract
319. Ethionamide*
320. Phenothiazine* and its compounds
321. Thiourea and its derivatives, with the exception of the one listed in Annex III, Part 1
322. Mephesisin* and its esters
323. Vaccines, toxins or serums listed in the Annex to the second Council Directive of 20 May 1975 on the approximation of provisions laid down by law, regulation or administrative action relating to proprietary medicinal products (OJ N° L 147, 9.6.1975, p.13)
324. Tranlycypromine* and its salts
325. Trichloronitromethane (chloropicrine)
326. 2,2,2-Tribromoethanol (tribromoethyl alcohol)
327. Trichlormethine* and its salts
328. Tretamine*
329. Gallamine triethiodide*
330. *Urginea scilla Stern.* and its galenical preparations
331. Veratrine, its salts and galenical preparations
332. *Schoenocaulon officinale Lind.* (seeds and galenical preparations)
333. *Veratrum Spp.* and their preparations
334. Vinyl choride monomer
335. Ergocalciferol* and cholecalciferol (Vitamins D2 and D3)
336. Salts of O-alkyldithiocarbonic acids
337. Yohimbine and its salts
338. Dimethyl sulfoxide*
339. Diphenhydramine* and its salts
340. 4-Tert-Butylphenol
341. 4-Tert-Butylpyrocatechol
342. Dihydrotachysterol*

343. Dioxane
344. Morpholine and its salts
345. *Pyrethrum album* L. and its galenical preparations
346. 2-(4-Methoxybenzyl-N-(2-pyridyl) amino) ethyldimethylamine maleate
347. Tripelennamine*
348. Tetrachlorosalicylanilides
349. Dichlorosalicylanilides
350. Tetrabromosalicylanilides
351. Dibromosalicylanilides
352. Bithionol*
353. Thiuram monosulphides
354. Thiuram disulphides
355. Dimethylformamide
356. 4-Phenylbut-3-en-2-one
357. Benzoates of 4-hydroxy-3-methoxycinnamyl alcohol except for normal content in natural essences used
358. Furocoumarines (e.g. trioxysalan*, 8-methoxypsoralen, 5-methoxypsoralen) except for normal content in natural essences used. In sun protection and in bronzing products, furocoumarines shall be below 1 mg/kg.
359. Oil from the seeds of *Laurus nobilis* L.
360. Safrole except for normal content in the natural essences used and provided the concentration does not exceed :
- 100 ppm in the finished product
 - 50 ppm in products for dental and oral hygiene, and provided that Safrole is not present in toothpastes intended specifically for children.
361. 5,5' -Di-isopropyl-2,2' -dimethylbiphenyl-4,4' -diyl dihypiodite
362. 3' -Ethyl-5',6' ,7',8' -tetrahydro-5',5',8',8' -tetramethyl-2'-acetonaphthone Syn: 1, 1, 4, 4-tetramethyl-6-ethyl-7-acetyl-1, 2, 3, 4-tetrahydro-naphthalene(acetyl ethyl tetramethyl tetralin, AETT).
363. o-Phenylenediamine and its salts
364. 4-Methyl - m - phenylenediamine and its salts.
365. Aristolochic acid and its salts; *Aristolochia* spp. and their preparations
366. Chloroform
367. 2,3,7,8 - Tetrachlorodibenzo-p-dioxin
368. 2,6-Dimethyl -1,3- dioxan-4- yl acetate (Dimethoxane)
369. Pyrithione sodium (INN)
370. N- (Trichloromethylthio) - 4 - cyclohexene- 1,2- dicarboximide (Captan)
371. 2,2'-Dihydroxy- 3,3',5,5',6,6' - hexachlorodiphenylmethane (Hexachlorophene)
372. 6 - (Piperidinyl) - 2,4- pyrimidinediamine-3-oxide (Minoxidil) and its salts
373. 3,4' ,5 - Tribromosalicylanilide (Tribromsalan)
374. *Phytolacca* Spp. and their preparations
375. Tretinoin* (retinoic acid and its salts)
376. 1- Methoxy-2,4- diaminobenzene (2,4 - diaminoanisole - CI 76050) and their salts
377. 1- Methoxy-2,5- diaminobenzene (2,5 - diaminoanisole) and their salts
378. Colouring agent CI 12140
379. Colouring agent CI 26105
380. Colouring agent CI 42555
Colouring agent CI 42555-1
Colouring agent CI 42555-2
381. Amyl 4-dimethylaminobenzoate, mixed isomers (Padimate A (INN))
382. This entry has been deleted
383. 2-Amino-4-nitrophenol
384. 2-Amino-5-nitrophenol
385. 11- α -Hydroxypregn-4-ene-3,20-dione and its esters

386. Colouring agent CI 42640
387. Colouring agent CI 13065
388. Colouring agent CI 42535
389. Colouring agent CI 61554
390. Antiandrogens with steroidal structure
391. Zirconium and its compounds, with the exception of the substances listed under reference n° 50 in Annex III, Part 1 and the zirconium lakes, salts and pigments of the colouring agents listed with reference n° 3 in Annex IV, Part 1.
392. (Thyrothricine and its salts ; also listed under reference number 39)
393. Acetonitrile
394. Tetrahydrozoline and its salts
395. Hydroxy-8-quinoline and its sulphate, except for the uses provided for in n° 51 in Annex III, Part 1.
396. Dithio-2,2'-bispyridine-dioxide 1,1' (additive with trihydrated magnesium sulphate) - (pyrithione disulphide + magnesium sulphate)
397. Colouring agent CI 12075 and its lakes, pigments and salts
398. Colouring agent CI 45170 and CI 45170:1
399. Lidocaine
400. 1,2-Epoxybutane
401. Colouring agent CI 15585
402. Strontium lactate
403. Strontium nitrate
404. Strontium polycarboxylate
405. Pramocaine
406. 4-Ethoxy-m-phenylenediamine and its salts
407. 2,4-Diaminophenylethanol and its salts
408. Catechol
409. Pyrogallol
410. Nitrosamines
411. Secondary alkyl- and alkanolamines and their salts
412. 4-Amino-2-nitrophenol
413. 2-Methyl-m-phenylenediamine
414. 4-tert-Butyl-3-methoxy-2,6-dinitrotoluene (Musk Ambrette)
416. Cells, tissues or products of human origin
417. 3,3-Bis(4-hydroxyphenyl)phthalide (Phenolphthalein*)
418. 3-Imidazol-4-ylacrylic acid and its ethyl ester (urocanic acid)
419. From the date referred to in Article 22(1) of Regulation (EC) No 999/2001 of the European Parliament and of the Council (**), the specified risk materials as designated in Annex V to that Regulation, and ingredients derived therefrom.

Until that date, the specified risk materials as designated in Annex XI Part A to Regulation (EC) No 999/2001, and ingredients derived therefrom.

However, tallow derivatives may be used provided that the following methods have been used and strictly certified by the producer:

- transesterification or hydrolysis at at least 200°C and at an appropriate corresponding pressure, for 20 minutes (glycerol, fatty acids and fatty acid esters);
- saponification with NaOH 12M (glycerol and soap):
 - batch process: at 95°C for 3 hours
 - or
 - continuous process: at 140°C, 2 bars (2000 hPa) for 8 minutes or equivalent conditions.

420. Crude and refined coal tars
421. 1,1,3,3,5-Pentamethyl-4,6-dinitroindane (moskene)
422. 5-tert-Butyl-1,2,3-trimethyl-4,6-dinitrobenzene (musk tibetene)

(**) OJL 147, 31.5.2001, p. 1.

423. Alanroot oil (*Inula helenium*) (CAS No. 97676-35-2), when used as a fragrance ingredient.
424. Benzyl cyanide (CAS No. 140-29-4), when used as a fragrance ingredient.
425. Cyclamen alcohol (CAS No. 4756-19-8), when used as a fragrance ingredient.
426. Diethyl maleate (CAS No. 141-05-9), when used as a fragrance ingredient.
427. Dihydrocoumarine (CAS No. 119-84-6), when used as a fragrance ingredient.
428. 2,4-Dihydroxy-3-methylbenzaldehyde (CAS No. 6248-20-0), when used as a fragrance ingredient.
429. 3,7-Dimethyl-2-octen-1-ol (6,7- Dihydrogeraniol) (CAS No. 40607-48-5), when used as a fragrance ingredient.
430. 4,6-Dimethyl-8-*tert*-butylcoumarin (CAS No. 17874-34-9), when used as a fragrance ingredient.
431. Dimethyl citraconate (CAS No. 617-54-9), when used as a fragrance ingredient.
432. 7,11-Dimethyl-4,6,10-dodecatrien-3-one (CAS No. 26651-96-7), when used as a fragrance ingredient.
433. 6,10-Dimethyl-3,5,9-undecatrien-2-one (CAS No. 141-10-6), when used as a fragrance ingredient.
434. Diphenylamine (CAS No. 122-39-4), when used as a fragrance ingredient.
435. Ethyl acrylate (CAS No. 140-88-5), when used as a fragrance ingredient.
436. Fig leaf absolute (*Ficus carica*) (CAS No. 68916-52-9), when used as a fragrance ingredient.
437. *trans*-2-Heptenal (CAS No. 18829-55-5), when used as a fragrance ingredient.
438. *trans*-2-Hexenal diethyl acetal (CAS No. 67746-30-9), when used as a fragrance ingredient.
439. *trans*-2-Hexenal dimethyl acetal (CAS No. 18318-83-7), when used as a fragrance ingredient.
440. Hydroabietyl alcohol (CAS No. 13393-93-6), when used as a fragrance ingredient.
441. 6-Isopropyl-2-decahydronaphthalenol (CAS No. 34131-99-2), when used as a fragrance ingredient.
442. 7-Methoxycoumarin (CAS No. 531-59-9), when used as a fragrance ingredient.
443. 4-(4-Methoxyphenyl)-3-butene-2-one (CAS No. 943-88-4), when used as a fragrance ingredient.
444. 1-(4-Methoxyphenyl)-1-penten-3-one (CAS No. 104-27-8), when used as a fragrance ingredient.
445. Methyl *trans*-2-butenolate (CAS No. 623-43-8), when used as a fragrance ingredient.
446. 7-Methylcoumarin (CAS No. 2445-83-2), when used as a fragrance ingredient.
447. 5-Methyl-2,3-hexanedione (CAS No. 13706-86-0), when used as a fragrance ingredient.
448. 2-Pentylidenecyclohexanone (CAS No. 25677-40-1), when used as a fragrance ingredient.
449. 3,6,10-Trimethyl-3,5,9-undecatrien-2-one (CAS No. 1117-41-5), when used as a fragrance ingredient.
450. Verbena oil (*Lippia citriodora* Kunth.) (CAS No. 8024-12-2), when used as a fragrance ingredient.
451. Methyleugenol (CAS No. 93-15-2 (*)) except for normal content in the natural essences used and provided that the concentration does not exceed:
 - a) 0.01% in fine fragrance
 - b) 0.004% in eau de toilette
 - c) 0.002% in fragrance cream
 - d) 0.001% in rinse-off products
 - e) 0.0002% in other leave-on products and oral hygiene products

(*) the CAS No of the Official Journal (L 102/19) is incorrect

452. 6-(2-Chloroethyl)-6-(2-methoxyethoxy)-2,5,7,10-tetraoxa-6-silaundecane (Cas No. 37894-46-5)
453. Cobalt dichloride (Cas No. 7646-79-9)
454. Cobalt sulphate (Cas No 10124-43-3)
455. Nickel monoxide (Cas No 1313-99-1)
456. Dinickel trioxide (Cas No 1314-06-3)
457. Nickel dioxide (Cas No 12035-36-8)
458. Trinickel disulphide (Cas No 12035-72-2)
459. Tetracarbonylnickel (Cas No 13463-39-3)
460. Nickel sulphide (Cas No 16812-54-7)
461. Potassium bromate (Cas No 7758-01-2)
462. Carbon monoxide (Cas No 630-08-0)
463. Buta-1,3-diene (Cas No 106-99-0)
464. Isobutane (Cas No 75-28-5), if it contains $\geq 0.1\%$ w/w Butadiene
465. Butane (Cas No 106-97-8), if it contains $\geq 0.1\%$ w/w Butadiene
466. Gases (petroleum), C₃₊₄ (Cas No 68131-75-9), if they contain $> 0.1\%$ w/w Butadiene
467. Tail gas (petroleum), catalytic cracked distillate and catalytic cracked naphtha fractionation absorber (Cas No 68307-98-2), if it contains $> 0.1\%$ w/w Butadiene
468. Tail gas (petroleum), catalytic polymn. naphtha fractionation stabiliser (Cas No 68307-99-3), if it contains $> 0.1\%$ w/w Butadiene
469. Tail gas (petroleum), catalytic reformed naphtha fractionation stabiliser, hydrogen sulfide-free (Cas No 68308-00-9), if it contains $> 0.1\%$ w/w Butadiene
470. Tail gas (petroleum), cracked distillate hydrotreater stripper (Cas No 68308-01-0), if it contains $> 0.1\%$ w/w Butadiene
471. Tail gas (petroleum), gas oil catalytic cracking absorber (Cas No 68308-03-2), if it contains $> 0.1\%$ w/w Butadiene
472. Tail gas (petroleum), gas recovery plant (Cas No 68308-04-3), if it contains $> 0.1\%$ w/w Butadiene
473. Tail gas (petroleum), gas recovery plant deethanizer (Cas No 68308-05-4), if it contains $> 0.1\%$ w/w Butadiene
474. Tail gas (petroleum), hydrodesulfurized distillate and hydrodesulfurized naphtha fractionator, acid-free (Cas No 68308-06-5), if it contains $> 0.1\%$ w/w Butadiene
475. Tail gas (petroleum), hydrodesulfurized vacuum gas oil stripper, hydrogen sulfide-free (Cas No 68308-07-6), if it contains $> 0.1\%$ w/w Butadiene
476. Tail gas (petroleum), isomerized naphtha fractionation stabilizer (Cas No 68308-08-7), if it contains $> 0.1\%$ w/w Butadiene
477. Tail gas (petroleum), light straight-run naphtha stabilizer, hydrogen sulfide-free (Cas No 68308-09-8), if it contains $> 0.1\%$ w/w Butadiene
478. Tail gas (petroleum), straight-run distillate hydrodesulfurizer, hydrogen sulfide-free (Cas No 68308-10-1), if it contains $> 0.1\%$ w/w Butadiene
479. Tail gas (petroleum), propane-propylene alkylation feed prep deethanizer (Cas No 68308-11-2), if it contains $> 0.1\%$ w/w Butadiene
480. Tail gas (petroleum), vacuum gas oil hydrodesulfurizer, hydrogen sulfide-free (Cas No 68308-12-3), if it contains $> 0.1\%$ w/w Butadiene
481. Gases (petroleum), catalytic cracked overheads (Cas No 68409-99-4), if they contain $> 0.1\%$ w/w Butadiene
482. Alkanes, C_{1,2} (Cas No 68475-57-0), if they contain $> 0.1\%$ w/w Butadiene

483. Alkanes, C_{2,3} (Cas No 68475-58-1), if they contain > 0.1% w/w Butadiene
484. Alkanes, C_{3,4} (Cas No 68475-59-2), if they contain > 0.1% w/w Butadiene
485. Alkanes, C_{4,5} (Cas No 68475-60-5), if they contain > 0.1% w/w Butadiene
486. Fuel-gases (Cas No 68476-26-6), if they contain > 0.1% w/w Butadiene
487. Fuel gases, crude oil distillates (Cas No 68476-29-9), if they contain > 0.1% w/w Butadiene
488. Hydrocarbons, C_{3,4} (Cas No 68476-40-4), if they contain > 0.1% w/w Butadiene
489. Hydrocarbons, C_{4,5} (Cas No 68476-42-6), if they contain > 0.1% w/w Butadiene
490. Hydrocarbons, C_{2,4}, C₃-rich (Cas No 68476-49-3), if they contain > 0.1% w/w Butadiene
491. Petroleum gases, liquefied (Cas No 68476-85-7), if they contain > 0.1% w/w Butadiene
492. Petroleum gases, liquefied, sweetened (Cas No 68476-86-8), if they contain > 0.1% w/w Butadiene
493. Gases (petroleum), C_{3,4}, isobutane-rich (Cas No 68477-33-8), if they contain > 0.1% w/w Butadiene
494. Distillates (petroleum), C_{3,6}, piperylene-rich (Cas No 68477-35-0), if they contain > 0.1% w/w Butadiene
495. Gases (petroleum), amine system feed (Cas No 68477-65-6), if they contain > 0.1% w/w Butadiene
496. Gases (petroleum), benzene unit hydrodesulfurizer off (Cas No 68477-66-7), if they contain > 0.1% w/w Butadiene
497. Gases (petroleum), benzene unit recycle, hydrogen-rich (Cas No 68477-67-8), if they contain > 0.1% w/w Butadiene
498. Gases (petroleum), blend oil, hydrogen-nitrogen-rich (Cas No 68477-68-9), if they contain > 0.1% w/w Butadiene
499. Gases (petroleum), butane splitter overheads (Cas No 68477-69-0), if they contain > 0.1% w/w Butadiene
500. Gases (petroleum), C_{2,3} (Cas No 68477-70-3), if they contain > 0.1% w/w Butadiene
501. Gases (petroleum), catalytic-cracked gas oil depropanizer bottoms, C₄-rich acid-free (Cas No 68477-71-4), if they contain > 0.1% w/w Butadiene
502. Gases (petroleum), catalytic-cracked naphtha debutanizer bottoms, C_{3,5}-rich (Cas No 68477-72-5), if they contain > 0.1% w/w Butadiene
503. Gases (petroleum), catalytic cracked naphtha depropanizer overhead, C₃-rich acid-free (Cas No 68477-73-6), if they contain > 0.1% w/w Butadiene
504. Gases (petroleum), catalytic cracker (Cas No 68477-74-7), if they contain > 0.1% w/w Butadiene
505. Gases (petroleum), catalytic cracker, C_{1,5}-rich (Cas No 68477-75-8), if they contain > 0.1% w/w Butadiene
506. Gases (petroleum), catalytic polymd. naphtha stabilizer overhead, C_{2,4}-rich (Cas No 68477-76-9), if they contain > 0.1% w/w Butadiene
507. Gases (petroleum), catalytic reformed naphtha stripper overheads (Cas No 68477-77-0), if they contain > 0.1% w/w Butadiene
508. Gases (petroleum), catalytic reformer, C_{1,4}-rich (Cas No 68477-79-2), if they contain > 0.1% w/w Butadiene
509. Gases (petroleum), C_{6,8} catalytic reformer recycle (Cas No 68477-80-5), if they contain > 0.1% w/w Butadiene
510. Gases (petroleum), C_{6,8} catalytic reformer (Cas No 68477-81-6), if they contain > 0.1% w/w Butadiene
511. Gases (petroleum), C_{6,8} catalytic reformer recycle, hydrogen-rich (Cas No 68477-82-7), if they contain > 0.1% w/w Butadiene
512. Gases (petroleum), C_{3,5} olefinic-paraffinic alkylation feed (Cas No 68477-83-8), if they contain > 0.1% w/w Butadiene

513. Gases (petroleum), C₂-return stream (Cas No 68477-84-9), if they contain > 0.1% w/w Butadiene
514. Gases (petroleum), C₄-rich (Cas No 68477-85-0), if they contain > 0.1% w/w Butadiene
515. Gases (petroleum), deethanizer overheads (Cas No 68477-86-1), if they contain > 0.1% w/w Butadiene
516. Gases (petroleum), deisobutanizer tower overheads (Cas No 68477-87-2), if they contain > 0.1% w/w Butadiene
517. Gases (petroleum), depropanizer dry, propene-rich (Cas No 68477-90-7), if they contain > 0.1% w/w Butadiene
518. Gases (petroleum), depropanizer overheads (Cas No 68477-91-8), if they contain > 0.1% w/w Butadiene
519. Gases (petroleum), dry sour, gas-concn.-unit-off (Cas No 68477-92-9), if they contain > 0.1% w/w Butadiene
520. Gases (petroleum), gas concn. reabsorber distn. (Cas No 68477-93-0), if they contain > 0.1% w/w Butadiene
521. Gases (petroleum), gas recovery plant depropanizer overheads (Cas No 68477-94-1), if they contain > 0.1% w/w Butadiene
522. Gases (petroleum), Girbatol unit feed (Cas No 68477-95-2), if they contain > 0.1% w/w Butadiene
523. Gases (petroleum), hydrogen absorber off (Cas No 68477-96-3), if they contain > 0.1% w/w Butadiene
524. Gases (petroleum), hydrogen-rich (Cas No 68477-97-4), if they contain > 0.1% w/w Butadiene
525. Gases (petroleum), hydrotreater blend oil recycle, hydrogen-nitrogen-rich (Cas No 68477-98-5), if they contain > 0.1% w/w Butadiene
526. Gases (petroleum), isomerized naphtha fractionator, C₄-rich, hydrogen sulfide-free (Cas No 68477-99-6), if they contain > 0.1% w/w Butadiene
527. Gases (petroleum), recycle, hydrogen-rich (Cas No 68478-00-2), if they contain > 0.1% w/w Butadiene
528. Gases (petroleum), reformer make-up, hydrogen-rich (Cas No 68478-01-3), if they contain > 0.1% w/w Butadiene
529. Gases (petroleum), reforming hydrotreater (Cas No 68478-02-4), if they contain > 0.1% w/w Butadiene
530. Gases (petroleum), reforming hydrotreater, hydrogen-methane-rich (Cas No 68478-03-5), if they contain > 0.1% w/w Butadiene
531. Gases (petroleum), reforming hydrotreater make-up, hydrogen-rich (Cas No 68478-04-6), if they contain > 0.1% w/w Butadiene
532. Gases (petroleum), thermal cracking distn. (Cas No 68478-05-7), if they contain > 0.1% w/w Butadiene
533. Tail gas (petroleum), catalytic cracked clarified oil and thermal cracked vacuum residue fractionation reflux drum (Cas No 68478-21-7), if it contains > 0.1% w/w Butadiene
534. Tail gas (petroleum), catalytic cracked naphtha stabilization absorber (Cas No 68478-22-8), if it contains > 0.1% w/w Butadiene
535. Tail gas (petroleum), catalytic cracker, catalytic reformer and hydrodesulfurizer combined fractionator (Cas No 68478-24-0), if it contains > 0.1% w/w Butadiene
536. Tail gas (petroleum), catalytic cracker refractionation absorber (Cas No 68478-25-1), if it contains > 0.1% w/w Butadiene
537. Tail gas (petroleum), catalytic reformed naphtha fractionation stabilizer (Cas No 68478-26-2), if it contains > 0.1% w/w Butadiene

538. Tail gas (petroleum), catalytic reformed naphtha separator (Cas No 68478-27-3), if it contains > 0.1% w/w Butadiene
539. Tail gas (petroleum), catalytic reformed naphtha stabilizer (Cas No 68478-28-4), if it contains > 0.1% w/w Butadiene
540. Tail gas (petroleum), cracked distillate hydrotreater separator (Cas No 68478-29-5), if it contains > 0.1% w/w Butadiene
541. Tail gas (petroleum), hydrodesulfurized straight-run naphtha separator (Cas No 68478-30-8), if it contains > 0.1% w/w Butadiene
542. Tail gas (petroleum), saturate gas plant mixed stream, C₄-rich (Cas No 68478-32-0), if it contains > 0.1% w/w Butadiene
543. Tail gas (petroleum), saturate gas recovery plant, C₁₋₂-rich (Cas No 68478-33-1), if it contains > 0.1% w/w Butadiene
544. Tail gas (petroleum), vacuum residues thermal cracker (Cas No 68478-34-2), if it contains > 0.1% w/w Butadiene
545. Hydrocarbons, C₃₋₄-rich, petroleum distillate (Cas No 68512-91-4), if they contain > 0.1% w/w Butadiene
546. Gases (petroleum), catalytic reformed straight-run naphtha stabilizer overheads (Cas No 68513-14-4), if they contain > 0.1% w/w Butadiene
547. Gases (petroleum), full-range straight-run naphtha dehexanizer off (Cas No 68513-15-5), if they contain > 0.1% w/w Butadiene
548. Gases (petroleum), hydrocracking depropanizer off, hydrocarbon-rich (Cas No 68513-16-6), if they contain > 0.1% w/w Butadiene
549. Gases (petroleum), light straight-run naphtha stabilizer off (Cas No 68513-17-7), if they contain > 0.1% w/w Butadiene
550. Gases (petroleum), reformer effluent high-pressure flash drum off (Cas No 68513-18-8), if they contain > 0.1% w/w Butadiene
551. Gases (petroleum), reformer effluent low-pressure flash drum off (Cas No 68513-19-9), if they contain > 0.1% w/w Butadiene
552. Residues (petroleum), alkylation splitter, C₄-rich (Cas No 68513-66-6), if they contain > 0.1% w/w Butadiene
553. Hydrocarbons, C₁₋₄ (Cas No 68514-31-8), if they contain > 0.1% w/w Butadiene
554. Hydrocarbons, C₁₋₄, sweetened (Cas No 68514-36-3), if they contain > 0.1% w/w Butadiene
555. Gases (petroleum), oil refinery gas distn. off (Cas No 68527-15-1), if they contain > 0.1% w/w Butadiene
556. Hydrocarbons, C₁₋₃ (Cas No 68527-16-2), if they contain > 0.1% w/w Butadiene
557. Hydrocarbons, C₁₋₄, debutanizer fraction (Cas No 68527-19-5), if they contain > 0.1% w/w Butadiene
558. Gases (petroleum), benzene unit hydrotreater depentanizer overheads (Cas No 68602-82-4), if they contain > 0.1% w/w Butadiene
559. Gases (petroleum), C₁₋₅, wet (Cas No 68602-83-5), if they contain > 0.1% w/w Butadiene
560. Gases (petroleum), secondary absorber off, fluidized catalytic cracker overheads fractionator (Cas No 68602-84-6), if they contain > 0.1% w/w Butadiene

561. Hydrocarbons, C₂₊₄ (Cas No 68606-25-7), if they contain > 0.1% w/w Butadiene
562. Hydrocarbons, C₃ (Cas No 68606-26-8), if they contain > 0.1% w/w Butadiene
563. Gases (petroleum), alkylation feed (Cas No 68606-27-9), if they contain > 0.1% w/w Butadiene
564. Gases (petroleum), depropanizer bottoms fractionation off (Cas No 68606-34-8), if they contain > 0.1% w/w Butadiene
565. Petroleum products, refinery gases (Cas No 68607-11-4), if they contain > 0.1% w/w Butadiene
566. Gases (petroleum), hydrocracking low-pressure separator (Cas No 68783-06-2), if they contain > 0.1% w/w Butadiene
567. Gases (petroleum), refinery blend (Cas No 68783-07-3), if they contain > 0.1% w/w Butadiene
568. Gases (petroleum), catalytic cracking (Cas No 68783-64-2), if they contain > 0.1% w/w Butadiene
569. Gases (petroleum), C₂₊₄, sweetened (Cas No 68783-65-3), if they contain > 0.1% w/w Butadiene
570. Gases (petroleum), refinery (Cas No 68814-67-5), if they contain > 0.1% w/w Butadiene
571. Gases (petroleum), platformer products separator off (Cas No 68814-90-4), if they contain > 0.1% w/w Butadiene
572. Gases (petroleum), hydrotreated sour kerosine depentanizer stabilizer off (Cas No 68911-58-0), if they contain > 0.1% w/w Butadiene
573. Gases (petroleum), hydrotreated sour kerosine flash drum (Cas No 68911-59-1), if they contain > 0.1% w/w Butadiene
574. Gases (petroleum), crude oil fractionation off (Cas No 68918-99-0), if they contain > 0.1% w/w Butadiene
575. Gases (petroleum), dehexanizer off (Cas No 68919-00-6), if they contain > 0.1% w/w Butadiene
576. Gases (petroleum), distillate unfiner desulfurization tripper off (Cas No 68919-01-7), if they contain > 0.1% w/w Butadiene
577. Gases (petroleum), fluidized catalytic cracker fractionation off (Cas No 68919-02-8) if they contain > 0.1% w/w Butadiene
578. Gases (petroleum), fluidized catalytic cracker scrubbing secondary absorber off (Cas No 68919-03-9), if they contain > 0.1% w/w Butadiene
579. Gases (petroleum), heavy distillate hydrotreater desulfurization stripper off (Cas No 68919-04-0), if they contain > 0.1% w/w Butadiene
580. Gases (petroleum), light straight run gasoline fractionation stabilizer off (Cas No 68919-05-1), if they contain > 0.1% w/w Butadiene
581. Gases (petroleum), naphtha unfiner desulfurization stripper off (Cas No 68919-06-2), if they contain > 0.1% w/w Butadiene
582. Gases (petroleum), platformer stabilizer off, light ends fractionation (Cas No 68919-07-3), if they contain > 0.1% w/w Butadiene
583. Gases (petroleum), preflash tower off, crude distn. (Cas No 68919-08-4), if they contain > 0.1% w/w Butadiene
584. Gases (petroleum), straight-run naphtha catalytic reforming off (Cas No 68919-09-5), if they contain > 0.1% w/w Butadiene
585. Gases (petroleum), straight-run stabilizer off (Cas No 68919-10-8), if they contain > 0.1% w/w Butadiene
586. Gases (petroleum), tar stripper off (Cas No 68919-11-9), if they contain > 0.1% w/w Butadiene
587. Gases (petroleum), unfiner stripper off (Cas No 68919-12-0), if they contain > 0.1% w/w Butadiene
588. Gases (petroleum), fluidized catalytic cracker splitter overheads (Cas No 68919-20-0), if they contain > 0.1% w/w Butadiene

589. Gases (petroleum), catalytic cracked naphtha debutanizer (Cas No 68952-76-1), if they contain > 0.1% w/w Butadiene
590. Tail gas (petroleum), catalytic cracked distillate and naphtha stabilizer (Cas No 68952-77-2), if it contains > 0.1% w/w Butadiene
591. Tail gas (petroleum), catalytic hydrodesulfurized naphtha separator (Cas No 68952-79-4), if it contains > 0.1% w/w Butadiene
592. Tail gas (petroleum), straight-run naphtha hydrodesulfurizer (Cas No 68952-80-7), if it contains > 0.1% w/w Butadiene
593. Tail gas (petroleum), thermal-cracked distillate, gas oil and naphtha absorber (Cas No 68952-81-8), if it contains > 0.1% w/w Butadiene
594. Tail gas (petroleum), thermal cracked hydrocarbon fractionation stabilizer, petroleum coking (Cas No 68952-82-9), if it contains > 0.1% w/w Butadiene
595. Gases (petroleum), light steam-cracked, butadiene conc. (Cas No 68955-28-2), if they contain > 0.1% w/w Butadiene
596. Gases (petroleum), sponge absorber off, fluidized catalytic cracker and gas oil desulfurizer overhead fractionation (Cas No 68955-33-9), if they contain > 0.1% w/w Butadiene
597. Gases (petroleum), straight-run naphtha catalytic reformer stabilizer overhead (Cas No 68955-34-0), if they contain > 0.1% w/w Butadiene
598. Gases (petroleum), crude distn. and catalytic cracking (Cas No 68989-88-8), if they contain > 0.1% w/w Butadiene
599. Hydrocarbons, C₄ (Cas No 87741-01-3), if they contain > 0.1% w/w Butadiene
600. Alkanes, C₁₋₄, C₃-rich (Cas No 90622-55-2), if they contain > 0.1% w/w Butadiene
601. Gases (petroleum), gas oil diethanolamine scrubber off (Cas No 92045-15-3), if they contain > 0.1% w/w Butadiene
602. Gases (petroleum), gas oil hydrodesulfurization effluent (Cas No 92045-16-4), if they contain > 0.1% w/w Butadiene
603. Gases (petroleum), gas oil hydrodesulfurization purge (Cas No 92045-17-5), if they contain > 0.1% w/w Butadiene
604. Gases (petroleum), hydrogenator effluent flash drum off (Cas No 92045-18-6), if they contain > 0.1% w/w Butadiene
605. Gases (petroleum), naphtha steam cracking high-pressure residual (Cas No 92045-19-7), if they contain > 0.1% w/w Butadiene
606. Gases (petroleum), residue visbreaking off (Cas No 92045-20-0), if they contain > 0.1% w/w Butadiene
607. Gases (petroleum), steam-cracker C₃-rich (Cas No 92045-22-2), if they contain > 0.1% w/w Butadiene
608. Hydrocarbons, C₄, steam-cracker distillate (Cas No 92045-23-3), if they contain > 0.1% w/w Butadiene
609. Petroleum gases, liquefied, sweetened, C₄ fraction (Cas No 92045-80-2), if they contain > 0.1% w/w Butadiene
610. Hydrocarbons, C₄, 1,3-butadiene- and isobutene-free (Cas No 95465-89-7), if they contain > 0.1% w/w Butadiene
611. Raffinates (petroleum), steam-cracked C₄ fraction cuprous ammonium acetate extn., C₃₋₅ and C₃₋₅ un satd., butadiene-free (Cas No 97722-19-5), if they contain > 0.1% w/w Butadiene
612. Benzo[def]chrysene (=benzo[a]pyrene) (Cas No 50-32-8)

613. Pitch, coal tar-petroleum (Cas No 68187-57-5), if it contains > 0.005 % w/w benzo[a]pyrene
614. Distillates (coal-petroleum), condensed-ring arom. (Cas No 68188-48-7), if they contain > 0.005 % w/w benzo[a]pyrene
615. Distillates (coal tar), upper, fluorene-free (Cas No 84989-10-6), if they contain > 0.005 % w/w benzo[a]pyrene
616. Distillates (coal tar), upper, fluorene-rich (Cas No 84989-11-7), if they contain > 0.005 % w/w benzo[a]pyrene
617. Creosote oil, acenaphthene fraction, acenaphthene-free (Cas No 90640-85-0), if it contains > 0.005 % w/w benzo[a]pyrene
618. Pitch, coal tar, low-temp. (Cas No 90669-57-1), if it contains > 0.005 % w/w benzo[a]pyrene
619. Pitch, coal tar, low-temp., heat-treated (Cas No 90669-58-2), if it contains > 0.005 % w/w benzo[a]pyrene
620. Pitch, coal tar, low-temp., oxidized (Cas No 90669-59-3), if it contains > 0.005 % w/w benzo[a]pyrene
621. Extract residues (coal), brown (Cas No 91697-23-3), if they contain > 0.005 % w/w benzo[a]pyrene
622. Paraffin waxes (coal), brown-coal high-temp. tar (Cas No 92045-71-1), if they contain > 0.005 % w/w benzo[a]pyrene
623. Paraffin waxes (coal), brown-coal high-temp. tar, hydrotreated (Cas No 92045-72-2), if they contain > 0.005 % w/w benzo[a]pyrene
624. Waste solids, coal-tar pitch coking (Cas No 92062-34-5), if they contain > 0.005 % w/w benzo[a]pyrene
625. Pitch, coal tar, high-temp., secondary (Cas No 94114-13-3), if it contains > 0.005 % w/w benzo[a]pyrene
626. Residues (coal), liq. solvent extn. (Cas No 94114-46-2), if they contain > 0.005 % w/w benzo[a]pyrene
627. Coal liquids, liq. solvent extn. soln. (Cas No 94114-47-3), if they contain > 0.005 % w/w benzo[a]pyrene
628. Coal liquids, liq. solvent extn. (Cas No 94114-48-4), if they contain > 0.005 % w/w benzo[a]pyrene
629. Paraffin waxes (coal), brown-coal high-temp. tar, carbon-treated (Cas No 97926-76-6), if they contain > 0.005 % w/w benzo[a]pyrene
630. Paraffin waxes (coal), brown-coal high-temp tar, clay-treated (Cas No 97926-77-7), if they contain > 0.005 % w/w benzo[a]pyrene
631. Paraffin waxes (coal), brown-coal high-temp tar, silicic acid-treated (Cas No 97926-78-8), if they contain > 0.005 % w/w benzo[a]pyrene
632. Absorption oils, bicyclo arom. and heterocyclic hydrocarbon fraction (Cas No 101316-45-4), if they contain > 0.005 % w/w benzo[a]pyrene
633. Aromatic hydrocarbons, C₂₀₋₂₈, polycyclic, mixed coal-tar pitch-polyethylene polypropylene pyrolysis-derived (Cas No 101794-74-5), if they contain > 0.005 % w/w benzo[a]pyrene
634. Aromatic hydrocarbons, C₂₀₋₂₈, polycyclic, mixed coal-tar pitch-polyethylene pyrolysis-derived (Cas No 101794-75-6), if they contain > 0.005 % w/w benzo[a]pyrene
635. Aromatic hydrocarbons, C₂₀₋₂₈, polycyclic, mixed coal-tar pitch-polystyrene pyrolysis-derived (Cas No 101794-76-7), if they contain > 0.005 % w/w benzo[a]pyrene
636. Pitch, coal tar, high-temp., heat-treated (Cas No 121575-60-8), if it contains > 0.005 % w/w benzo[a]pyrene

637. Dibenz[*a,h*]anthracene (Cas No 53-70-3)
638. Benz[*a*]anthracene (Cas No 56-55-3)
639. Benzo[*e*]pyrene (Cas No 192-97-2)
640. Benzo[*j*]fluoranthene (Cas No 205-82-3)
641. Benz[*e*]acephenanthrylene (Cas No 205-99-2)
642. Benzo[*k*]fluoranthene (Cas No 207-08-9)
643. Chrysene (Cas No 218-01-9)
644. 2-Bromopropane (Cas No 75-26-3)
645. Trichloroethylene (Cas No 79-01-6)
646. 1,2-Dibromo-3-chloropropane (Cas No 96-12-8)
647. 2,3-Dibromopropan-1-ol (Cas No 96-13-9)
648. 1,3-Dichloropropan-2-ol (Cas No 96-23-1)
649. α,α,α -Trichlorotoluene (Cas No 98-07-7)
650. α -Chlorotoluene (Cas No 100-44-7)
651. 1,2-Dibromoethane (Cas No 106-93-4)
652. Hexachlorobenzene (Cas No 118-74-1)
653. Bromoethylene (Cas No 593-60-2)
654. 1,4-Dichlorobut-2-ene (Cas No 764-41-0)
655. Methyloxirane (Cas No 75-56-9)
656. (Epoxyethyl)benzene (Cas No 96-09-3)
657. 1-Chloro-2,3-epoxypropane (Cas No 106-89-8)
658. *R*-1-Chloro-2,3-epoxypropane (Cas No 51594-55-9)
659. 1,2-Epoxy-3-phenoxypropane (Cas No 122-60-1)
660. 2,3-Epoxypropan-1-ol (Cas No 556-52-5)
661. *R*-2,3-Epoxy-1-propanol (Cas No 57044-25-4)
662. 2,2'-Bioxirane (Cas No 1464-53-5)
663. (2*RS*,3*RS*)-3-(2-Chlorophenyl)-2-(4-fluorophenyl)-[1*H*-1,2,4-triazol-1-yl)methyl]oxirane (Cas No 106325-08-0)
664. Chloromethyl methyl ether (Cas No 107-30-2)
665. 2-Methoxyethanol (Cas No 109-86-4)
666. 2-Ethoxyethanol (Cas No 110-80-5)
667. Oxybis[chloromethane], bis (Chloromethyl) ether (Cas No 542-88-1)
668. 2-Methoxypropanol (Cas No 1589-47-5)
669. Propiolactone (Cas No 57-57-8)
670. Dimethylcarbamoyl chloride (Cas No 79-44-7)
671. Urethane (Cas No 51-79-6)
672. 2-Methoxyethyl acetate (Cas No 110-49-6)
673. 2-Ethoxyethyl acetate (Cas No 111-15-9)
674. Methoxyacetic acid (Cas No 625-45-6)
675. Dibutyl phthalate (Cas No 84-74-2)
676. bis(2-Methoxyethyl) ether (Cas No 111-96-6)
677. bis(2-Ethylhexyl) phthalate (Cas No 117-81-7)
678. bis(2-Methoxyethyl) phthalate (Cas No 117-82-8)
679. 2-Methoxypropyl acetate (Cas No 70657-70-4)

680. 2-Ethylhexyl[[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-methyl]thio]acetate (Cas No 80387-97-9)
681. Acrylamide, unless regulated elsewhere in this Directive (Cas No 79-06-1)
682. Acrylonitrile (Cas No 107-13-1)
683. 2-Nitropropane (Cas No 79-46-9)
684. Dinoseb (Cas No 88-85-7), its salts and esters with the exception of those specified elsewhere in this list
685. 2-Nitroanisole (Cas No 91-23-6)
686. 4-Nitrobiphenyl (Cas No 92-93-3)
687. 2,4-Dinitrotoluene (Cas No 121-14-2)
688. Binapacryl (Cas No 485-31-4)
689. 2-Nitronaphthalene (Cas No 581-89-5)
690. 2,3-Dinitrotoluene (Cas No 602-01-7)
691. 5-Nitroacenaphthene (Cas No 602-87-9)
692. 2,6-Dinitrotoluene (Cas No 606-20-2)
693. 3,4-Dinitrotoluene (Cas No 610-39-9)
694. 3,5-Dinitrotoluene (Cas No 618-85-9)
695. 2,5-Dinitrotoluene (Cas No 619-15-8)
696. Dinoterb (Cas No 1420-07-1), its salts and esters
697. Nitrofen (Cas No 1836-75-5)
698. Dinitrotoluene (Cas No 25321-14-6)
699. Diazomethane (Cas No 334-88-3)
700. 1,4,5,8-Tetraaminoanthraquinone (Disperse Blue 1) (Cas No 2475-45-8)
701. Dimethylnitrosoamine (Cas No 62-75-9)
702. 1-Methyl-3-nitro-1-nitrosoguanidine (Cas No 70-25-7)
703. Nitrosodipropylamine (Cas No 621-64-7)
704. 2,2'-(Nitrosoimino)bisethanol (Cas No 1116-54-7)
705. 4,4'-Methylenedianiline (Cas No 101-77-9)
706. 4,4'-(4-Iminocyclohexa-2,5-dienylidenemethylene) dianiline hydrochloride (Cas No 569-61-9)
707. 4,4'-Methylenedi-o-toluidine (Cas No 838-88-0)
708. o-Anisidine (Cas No 90-04-0)
709. 3,3'-Dimethoxybenzidine (Cas No 119-90-4)
710. Salts of o-dianisidine
711. o-Dianisidine based azo dyes
712. 3,3'-Dichlorobenzidine (Cas No 91-94-1)
713. Benzidine dihydrochloride (Cas No 531-85-1)
714. [[1,1'-Biphenyl]-4,4'-diyl]diammonium sulphate (Cas No 531-86-2)
715. 3,3'-Dichlorobenzidine dihydrochloride (Cas No 612-83-9)
716. Benzidine sulphate (Cas No 21136-70-9)
717. Benzidine acetate (Cas No 36341-27-2)
718. 3,3'-Dichlorobenzidine dihydrogen bis(sulphate) (Cas No 64969-34-2)
719. 3,3'-Dichlorobenzidine sulphate (Cas No 74332-73-3)
720. Benzidine based azo dyes
721. 4,4'-Bi-o-toluidine (Cas No 119-93-7)
722. 4,4'-Bi-o-toluidine dihydrochloride (Cas No 612-82-8)
723. [3,3'-Dimethyl[1,1'-biphenyl]-4,4'-diyl]diammonium bis(hydrogen sulphate) (Cas No 64969-36-4)

724. 4,4'-Bi-o-toluidine sulphate (Cas No 74753-18-7)
725. o-Tolidine based dyes
726. Biphenyl-4-ylamine (Cas No 92-67-1) and its salts
727. Azobenzene (Cas No 103-33-3)
728. (Methyl-ONN-azoxy)methyl acetate (Cas No 592-62-1)
729. Cycloheximide (Cas No 66-81-9)
730. 2-Methylaziridine (Cas No 75-55-8)
731. Imidazolidine-2-thione (Cas No 96-45-7)
732. Furan (Cas No 110-00-9)
733. Aziridine (Cas No 151-56-4)
734. Captafol (2425-06-1)
735. Carbadox (Cas No 6804-07-5)
736. Flumioxazin (Cas No 103361-09-7)
737. Tridemorph (Cas No 24602-86-6)
738. Vinclozolin (Cas No 50471-44-8)
739. Fluazifop-butyl (Cas No 69806-50-4)
740. Flusilazole (Cas No 85509-19-9)
741. 1,3,5-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1*H*,3*H*,5*H*)-trione (Cas No 2451-62-9)
742. Thioacetamide (Cas No 62-55-5)
743. N,N-Dimethylformamide (Cas No 68-12-2)
744. Formamide (Cas No 75-12-7)
745. N-Methylacetamide (Cas No 79-16-3)
746. N-Methylformamide (Cas No 123-39-7)
747. N,N-Dimethylacetamide (Cas No 127-19-5)
748. Hexamethylphosphoric-triamide (Cas No 680-31-9)
749. Diethyl sulphate (Cas No 64-67-5)
750. Dimethyl sulphate (Cas No 77-78-1)
751. 1,3-Propanesultone (Cas No 1120-71-4)
752. Dimethylsulphamoyl-chloride (Cas No 13360-57-1)
753. Sulfallate (Cas No 95-06-7)
754. A mixture of: 4-[[bis-(4-Fluorophenyl)methylsilyl]methyl]-4*H*-1,2,4-triazole and 1-[[bis-(4fluorophenyl)methylsilyl]methyl]-1*H*-1,2,4-triazole (EC No 403-250-2)
755. (+/-)-Tetrahydrofurfuryl -(*R*)-2-[4-(6-chloroquinoxalin-2-yloxy)phenoxy]propionate (Cas No 119738-06-6)
756. 6-Hydroxy-1-(3-Isopropoxypropyl)-4-methyl-2-oxo-5-[4-(phenylazo)phenylazo]-1,2-dihydro-3-pyridinecarbonitrile (Cas No 85136-74-9)
757. (6-(4-Hydroxy-3-(2-methoxyphenylazo)-2-sulfonato-7-naphthylamino)-1,3,5-triazine-2,4-diyl)bis [(amino-1-methylethyl)ammonium] formate (Cas No 108225-03-2)
758. Trisodium [4'-(8-acetylamino-3,6-disulfonato-2-naphthylazo)-4''-(6-benzoylamino-3-Sulfonato-2-naphthylazo)-biphenyl-1,3',3'',1''']-tetraolato-*O*,*O'*,*O''*,*O'''*]copper(II) (EC No 413-590-3)
759. A mixture of: *N*-[3-Hydroxy-2-(2-methylacryloylaminomethoxy)propoxymethyl]-2-methylacrylamide and *N*-2,3-bis-(2-Methylacryloylaminomethoxy)propoxymethyl]-2-methylacrylamide and methacrylamide and 2-methyl-*N*-(2-methylacryloylaminomethoxymethyl)-acrylamide and *N*-(2,3-dihydroxypropoxymethyl)-2-methylacrylamide (EC No 412-790-8)
760. 1,3,5-tris-[(2*S* and 2*R*)-2,3-Epoxypropyl]-1,3,5-triazine-2,4,6-(1*H*,3*H*,5*H*)-trione (Cas No 59653-74-6)

- 761. Erionite (Cas No 12510-42-8)
- 762. Asbestos (Cas No 12001-28-4)
- 763. Petroleum (Cas No 8002-05-9)
- 764. Distillates (petroleum), heavy hydrocracked (Cas No 64741-76-0), if they contain >3% w/w DMSO extract
- 765. Distillates (petroleum), solvent-refined heavy paraffinic (Cas No 64741-88-4), if they contain >3% w/w DMSO extract
- 766. Distillates (petroleum), solvent-refined light paraffinic (Cas No 64741-89-5), if they contain >3% w/w DMSO extract
- 767. Residual oils (petroleum), solvent deasphalted (Cas No 64741-95-3), if they contain >3% w/w DMSO extract
- 768. Distillates (petroleum), solvent-refined heavy naphthenic (Cas No 64741-96-4), if they contain >3% w/w DMSO extract
- 769. Distillates (petroleum), solvent-refined light naphthenic (Cas No 64741-97-5), if they contain >3% w/w DMSO extract
- 770. Residual oils (petroleum), solvent-refined (Cas No 64742-01-4), if they contain >3% w/w DMSO extract
- 771. Distillates (petroleum), clay-treated heavy paraffinic (Cas No 64742-36-5), if they contain >3% w/w DMSO extract
- 772. Distillates (petroleum), clay-treated light paraffinic (Cas No 64742-37-6), if they contain >3% w/w DMSO extract
- 773. Residual oils (petroleum), clay-treated (Cas No 64742-41-2), if they contain >3% w/w DMSO extract
- 774. Distillates (petroleum), clay-treated heavy naphthenic (Cas No 64742-44-5), if they contain >3% w/w DMSO extract
- 775. Distillates (petroleum), clay-treated light naphthenic (Cas No 64742-45-6), if they contain >3% w/w DMSO extract
- 776. Distillates (petroleum), hydrotreated heavy naphthenic (Cas No 64742-52-5), if they contain >3% w/w DMSO extract
- 777. Distillates (petroleum), hydrotreated light naphthenic (Cas No 64742-53-6), if they contain >3% w/w DMSO extract
- 778. Distillates (petroleum), hydrotreated heavy paraffinic (Cas No 64742-54-7), if they contain >3% w/w DMSO extract
- 779. Distillates (petroleum), hydrotreated light paraffinic (Cas No 64742-55-8), if they contain >3% w/w DMSO extract
- 780. Distillates (petroleum), solvent-dewaxed light paraffinic (Cas No 64742-56-9), if they contain >3% w/w DMSO extract
- 781. Residual oils (petroleum), hydrotreated (Cas No 64742-57-0), if they contain >3% w/w DMSO extract
- 782. Residual oils (petroleum), solvent-dewaxed (Cas No 64742-62-7), if they contain >3% w/w DMSO extract
- 783. Distillates (petroleum), solvent-dewaxed heavy naphthenic (Cas No 64742-63-8), if they contain >3% w/w DMSO extract
- 784. Distillates (petroleum), solvent-dewaxed light naphthenic (Cas No 64742-64-9), if they contain >3% w/w DMSO extract

785. Distillates (petroleum), solvent-dewaxed heavy paraffinic (Cas No 64742-65-0), if they contain >3% w/w DMSO extract
786. Foots oil (petroleum) (Cas No 64742-67-2), if it contains >3% w/w DMSO extract
787. Naphthenic oils (petroleum), catalytic dewaxed heavy (Cas No 64742-68-3), if they contain >3% w/w DMSO extract
788. Naphthenic oils (petroleum), catalytic dewaxed light (Cas No 64742-69-4), if they contain >3% w/w DMSO extract
789. Paraffin oils (petroleum), catalytic dewaxed heavy (Cas No 64742-70-7), if they contain >3% w/w DMSO extract
790. Paraffin oils (petroleum), catalytic dewaxed light (Cas No 64742-71-8), if they contain >3% w/w DMSO extract
791. Naphthenic oils (petroleum), complex dewaxed heavy (Cas No 64742-75-2), if they contain >3% w/w DMSO extract
792. Naphthenic oils (petroleum), complex dewaxed light (Cas No 64742-76-3), if they contain >3% w/w DMSO extract
793. Extracts (petroleum), heavy naphthenic distillate solvent, arom. conc. (Cas No 68783-00-6), if they contain >3% w/w DMSO extract
794. Extracts (petroleum), solvent-refined heavy paraffinic distillate solvent (Cas No 68783-04-0), if they contain >3% w/w DMSO extract
795. Extracts (petroleum), heavy paraffinic distillates, solvent-deasphalted (Cas No 68814-89-1), if they contain >3% w/w DMSO extract
796. Lubricating oils (petroleum), C₂₀₋₅₀, hydrotreated neutral oil-based, high-viscosity (Cas No 72623-85-9), if they contain >3% w/w DMSO extract
797. Lubricating oils (petroleum), C₁₅₋₃₀, hydrotreated neutral oil-based (Cas No 72623-86-0), if they contain >3% w/w DMSO extract
798. Lubricating oils (petroleum), C₂₀₋₅₀, hydrotreated neutral oil-based (Cas No 72623-87-1), if they contain >3% w/w DMSO extract
799. Lubricating oils (Cas No 74869-22-0), if they contain >3% w/w DMSO extract
800. Distillates (petroleum), complex dewaxed heavy paraffinic (Cas No 90640-91-8), if they contain >3% w/w DMSO extract
801. Distillates (petroleum), complex dewaxed light paraffinic (Cas No 90640-92-9), if they contain >3% w/w DMSO extract
802. Distillates (petroleum), solvent dewaxed heavy paraffinic, clay-treated (Cas No 90640-94-1), if they contain >3% w/w DMSO extract
803. Hydrocarbons, C₂₀₋₅₀, solvent dewaxed heavy paraffinic, hydrotreated (Cas No 90640-95-2), if they contain >3% w/w DMSO extract
804. Distillates (petroleum), solvent dewaxed light paraffinic, clay-treated (Cas No 90640-96-3), if they contain >3% w/w DMSO extract
805. Distillates (petroleum), solvent dewaxed light paraffinic, hydrotreated (Cas No 90640-97-4), if they contain >3% w/w DMSO extract
806. Extracts (petroleum), heavy naphthenic distillate solvent, hydrotreated (Cas No 90641-07-9), if they contain >3% w/w DMSO extract
807. Extracts (petroleum), heavy paraffinic distillate solvent, hydrotreated (Cas No 90641-08-0), if they contain >3% w/w DMSO extract
808. Extracts (petroleum), light paraffinic distillate solvent, hydrotreated (Cas No 90641-09-1), if they contain >3% w/w DMSO extract

809. Residual oils (petroleum), hydrotreated solvent dewaxed (Cas No 90669-74-2), if they contain >3% w/w DMSO extract
810. Residual oils (petroleum), catalytic dewaxed (Cas No 91770-57-9), if they contain >3% w/w DMSO extract
811. Distillates (petroleum), dewaxed heavy paraffinic, hydrotreated (Cas No 91995-39-0) if they contain >3% w/w DMSO extract
812. Distillates (petroleum), dewaxed light paraffinic, hydrotreated (Cas No 91995-40-3), if they contain >3% w/w DMSO extract
813. Distillates (petroleum), hydrocracked solvent-refined, dewaxed (Cas No 91995-45-8), if they contain >3% w/w DMSO extract
814. Distillates (petroleum), solvent-refined light naphthenic, hydrotreated (Cas No 91995-54-9), if they contain >3% w/w DMSO extract
815. Extracts (petroleum), hydrotreated light paraffinic distillate solvent (Cas No 91995-73-2), if they contain >3% w/w DMSO extract
816. Extracts (petroleum), light naphthenic distillate solvent, hydrodesulfurized (Cas No 91995-75-4), if they contain >3% w/w DMSO extract
817. Extracts (petroleum), light paraffinic distillate solvent, acid-treated (Cas No 91995-76-5), if they contain >3% w/w DMSO extract
818. Extracts (petroleum), light paraffinic distillate solvent, hydrodesulfurized (Cas No 91995-77-6), if they contain >3% w/w DMSO extract
819. Extracts (petroleum), light vacuum gas oil solvent, hydrotreated (Cas No 91995-79-8), if they contain >3% w/w DMSO extract
820. Foots oil (petroleum), hydrotreated (Cas No 92045-12-0), if it contains >3% w/w DMSO extract
821. Lubricating oils (petroleum), C₁₇₋₃₅, solvent-extd., dewaxed, hydrotreated (Cas No 92045-42-6), if they contain >3% w/w DMSO extract
822. Lubricating oils (petroleum), hydrocracked nonarom solvent-deparaffined (Cas No 92045-43-7), if they contain >3% w/w DMSO extract
823. Residual oils (petroleum), hydrocracked acid-treated solvent-dewaxed (Cas No 92061-86-4), if they contain >3% w/w DMSO extract
824. Paraffin oils (petroleum), solvent-refined dewaxed heavy (Cas No 92129-09-4), if they contain >3% w/w DMSO extract
825. Extracts (petroleum), heavy paraffinic distillate solvent, clay-treated (Cas No 92704-08-0), if they contain >3% w/w DMSO extract
826. Lubricating oils (petroleum), base oils, paraffinic (Cas No 93572-43-1), if they contain >3% w/w DMSO extract
827. Extracts (petroleum), heavy naphthenic distillate solvent, hydrodesulfurized (Cas No 93763-10-1), if they contain >3% w/w DMSO extract
828. Extracts (petroleum), solvent-dewaxed heavy paraffinic distillate solvent, hydrodesulfurized (Cas No 93763-11-2), if they contain >3% w/w DMSO extract
829. Hydrocarbons, hydrocracked paraffinic distn. residues, solvent-dewaxed (Cas No 93763-38-3), if they contain >3% w/w DMSO extract
830. Foots oil (petroleum), acid-treated (Cas No 93924-31-3), if it contains >3% w/w DMSO extract
831. Foots oil (petroleum), clay-treated (Cas No 93924-32-4), if it contains >3% w/w DMSO extract
832. Hydrocarbons, C₂₀₋₅₀, residual oil hydrogenation vacuum distillate (Cas No 93924-61-9), if they contain >3% w/w DMSO extract

833. Distillates (petroleum), solvent-refined hydrotreated heavy, hydrogenated (Cas No 94733-08-1), if they contain >3% w/w DMSO extract
834. Distillates (petroleum), solvent-refined hydrocracked light (Cas No 94733-09-2), if they contain >3% w/w DMSO extract
835. Lubricating oils (petroleum), C₁₈₋₄₀, solvent-dewaxed hydrocracked distillate-based (Cas No 94733-15-0), if they contain >3% w/w DMSO extract
836. Lubricating oils (petroleum), C₁₈₋₄₀, solvent-dewaxed hydrogenated raffinate-based (Cas No 94733-16-1), if they contain >3% w/w DMSO extract
837. Hydrocarbons, C₁₃₋₃₀, arom.-rich, solvent-extd. naphthenic distillate (Cas No 95371-04-3), if they contain >3% w/w DMSO extract
838. Hydrocarbons, C₁₆₋₃₂, arom. rich, solvent-extd. naphthenic distillate (Cas No 95371-05-4), if they contain >3% w/w DMSO extract
839. Hydrocarbons, C₃₇₋₆₈, dewaxed deasphalted hydrotreated vacuum distn. Residues (Cas No 95371-07-6), if they contain >3% w/w DMSO extract
840. Hydrocarbons, C₃₇₋₆₅, hydrotreated deasphalted vacuum distn. Residues (Cas No 95371-08-7), if they contain >3% w/w DMSO extract
841. Distillates (petroleum), hydrocracked solvent-refined light (Cas No 97488-73-8), if they contain >3% w/w DMSO extract
842. Distillates (petroleum), solvent-refined hydrogenated heavy (Cas No 97488-74-9), if they contain >3% w/w DMSO extract
843. Lubricating oils (petroleum), C₁₈₋₂₇, hydrocracked solvent-dewaxed (Cas No 97488-95-4), if they contain >3% w/w DMSO extract
844. Hydrocarbons, C₁₇₋₃₀, hydrotreated solvent-deasphalted atm. distn. residue, distn. lights (Cas No 97675-87-1), if they contain >3% w/w DMSO extract
845. Hydrocarbons, C₁₇₋₄₀, hydrotreated solvent-deasphalted distn. residue, vacuum distn. lights (Cas No 97722-06-0), if they contain >3% w/w DMSO extract
846. Hydrocarbons, C₁₃₋₂₇, solvent-extd. light naphthenic (Cas No 97722-09-3), if they contain >3% w/w DMSO extract
847. Hydrocarbons, C₁₄₋₂₉, solvent-extd. light naphthenic (Cas No 97722-10-6), if they contain >3% w/w DMSO extract
848. Foots oil (petroleum), carbon-treated (Cas No 97862-76-5), if it contains >3% w/w DMSO extract
849. Foots oil (petroleum), silicic acid-treated (Cas No 97862-77-6), if it contains >3% w/w DMSO extract
850. Hydrocarbons, C₂₇₋₄₂, dearomatized (Cas No 97862-81-2), if they contain >3% w/w DMSO extract
851. Hydrocarbons, C₁₇₋₃₀, hydrotreated distillates, distn. Lights (Cas No 97862-82-3), if they contain >3% w/w DMSO extract
852. Hydrocarbons, C₂₇₋₄₅, naphthenic vacuum distn. (Cas No 97862-83-4), if they contain >3% w/w DMSO extract
853. Hydrocarbons, C₂₇₋₄₅, dearomatized (Cas No 97926-68-6), if they contain >3% w/w DMSO extract
854. Hydrocarbons, C₂₀₋₅₈, hydrotreated (Cas No 97926-70-0), if they contain >3% w/w DMSO extract
855. Hydrocarbons, C₂₇₋₄₂, naphthenic (Cas No 97926-71-1), if they contain >3% w/w DMSO extract

856. Extracts (petroleum), light paraffinic distillate solvent, carbon-treated (Cas No 100684-02-4), if they contain >3% w/w DMSO extract
857. Extracts (petroleum), light paraffinic distillate solvent, clay-treated (Cas No 100684-03-5), if they contain >3% w/w DMSO extract
858. Extracts (petroleum), light vacuum, gas oil solvent, carbon-treated (Cas No 100684-04-6), if they contain >3% w/w DMSO extract
859. Extracts (petroleum), light vacuum gas oil solvent, clay-treated (Cas No 100684-05-7), if they contain >3% w/w DMSO extract
860. Residual oils (petroleum), carbon-treated solvent-dewaxed (Cas No 100684-37-5), if they contain >3% w/w DMSO extract
861. Residual oils (petroleum), clay-treated solvent-dewaxed (Cas No 100684-38-6), if they contain >3% w/w DMSO extract
862. Lubricating oils (petroleum), $C_{>25}$, solvent-extd. deasphalted, dewaxed, hydrogenated (Cas No 101316-69-2), if they contain >3% w/w DMSO extract
863. Lubricating oils (petroleum), C_{17-32} , solvent-extd., dewaxed, hydrogenated (Cas No 101316-70-5), if they contain >3% w/w DMSO extract
864. Lubricating oils (petroleum), C_{20-35} , solvent-extd., dewaxed, hydrogenated (Cas No 101316-71-6), if they contain >3% w/w DMSO extract
865. Lubricating oils (petroleum), C_{24-50} , solvent-extd., dewaxed, hydrogenated (Cas No 101316-72-7), if they contain >3% w/w DMSO extract
866. Distillates (petroleum), sweetened middle (Cas No 64741-86-2), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
867. Gas oils (petroleum), solvent-refined (Cas No 64741-90-8), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
868. Distillates (petroleum), solvent-refined middle (Cas No 64741-91-9), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
869. Gas oils (petroleum), acid-treated (Cas No 64742-12-7), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
870. Distillates (petroleum), acid-treated middle (Cas No 64742-13-8), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
871. Distillates (petroleum), acid-treated light (Cas No 64742-14-9), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
872. Gas oils (petroleum), chemically neutralized (Cas No 64742-29-6), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
873. Distillates (petroleum), chemically neutralized middle (Cas No 64742-30-9), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
874. Distillates (petroleum), clay-treated middle (Cas No 64742-38-7), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
875. Distillates (petroleum), hydrotreated middle (Cas No 64742-46-7), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
876. Gas oils (petroleum), hydrodesulfurized (Cas No 64742-79-6), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
877. Distillates (petroleum), hydrodesulfurized middle (Cas No 64742-80-9), except if the full refining History is known and it can be shown that the substance from which it is produced is not a carcinogen

878. Distillates (petroleum), catalytic reformer fractionator residue, high-boiling (Cas No 68477-29-2), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
879. Distillates (petroleum), catalytic reformer fractionator residue, intermediate-boiling (Cas No 68477-30-5), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
880. Distillates (petroleum), catalytic reformer fractionator residue, low-boiling (Cas No 68477-31-6), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
881. Alkanes, C₁₂₋₂₆-branched and linear (Cas No 90622-53-0), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
882. Distillates (petroleum), highly refined middle (Cas No 90640-93-0), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
883. Distillates (petroleum), catalytic reformer, heavy arom. conc. (Cas No 91995-34-5), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
884. Gas oils, paraffinic (Cas No 93924-33-5), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
885. Naphtha (petroleum), solvent-refined hydrodesulfurized heavy (Cas No 97488-96-5), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
886. Hydrocarbons, C₁₆₋₂₀, hydrotreated middle distillate, distn. Lights (Cas No 97675-85-9), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
887. Hydrocarbons, C₁₂₋₂₀, hydrotreated paraffinic, distn. lights (Cas No 97675-86-0), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
888. Hydrocarbons, C₁₁₋₁₇, solvent-extd. light naphthenic (Cas No 97722-08-2), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
889. Gas oils, hydrotreated (Cas No 97862-78-7), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
890. Distillates (petroleum), carbon-treated light paraffinic (Cas No 100683-97-4), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
891. Distillates (petroleum), intermediate paraffinic, carbon-treated (Cas No 100683-98-5), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
892. Distillates (petroleum), intermediate paraffinic, clay-treated (Cas No 100683-99-6), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
893. Lubricating greases (Cas No 74869-21-9), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
894. Slack wax (petroleum) (Cas No 64742-61-6), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
895. Slack wax (petroleum), acid-treated (Cas No 90669-77-5), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen

896. Slack wax (petroleum), clay-treated (Cas No 90669-78-6), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
897. Slack wax (petroleum), hydrotreated (Cas No 92062-09-4), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
898. Slack wax (petroleum), low-melting (Cas No 92062-10-7), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
899. Slack wax (petroleum), low-melting, hydrotreated (Cas No 92062-11-8), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
900. Slack wax (petroleum), low-melting, carbon-treated (Cas No 97863-04-2), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
901. Slack wax (petroleum), low-melting, clay-treated (Cas No 97863-05-3), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
902. Slack wax (petroleum), low-melting, silicic acid-treated (Cas No 97863-06-4), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
903. Slack wax (petroleum), carbon-treated (Cas No 100684-49-9), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
904. Petrolatum (Cas No 8009-03-8), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
905. Petrolatum (petroleum), oxidized (Cas No 64743-01-7), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
906. Petrolatum (petroleum), alumina-treated (Cas No 85029-74-9), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
907. Petrolatum (petroleum), hydrotreated (Cas No 92045-77-7), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
908. Petrolatum (petroleum), carbon-treated (Cas No 97862-97-0), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
909. Petrolatum (petroleum), silicic acid-treated (Cas No 97862-98-1), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
910. Petrolatum (petroleum), clay-treated (Cas No 100684-33-1), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
911. Distillates (petroleum), light catalytic cracked (Cas No 64741-59-9)
912. Distillates (petroleum), intermediate catalytic cracked (Cas No 64741-60-2)
913. Distillates (petroleum), light thermal cracked (Cas No 64741-82-8)
914. Distillates (petroleum), hydrodesulfurized light catalytic cracked (Cas No 68333-25-5)
915. Distillates (petroleum), light steam-cracked naphtha (Cas No 68475-80-9)
916. Distillates (petroleum), cracked steam-cracked petroleum distillates (Cas No 68477-38-3)
917. Gas oils (petroleum), steam-cracked (Cas No 68527-18-4)
918. Distillates (petroleum), hydrodesulfurized thermal cracked middle (Cas No 85116-53-6)
919. Gas oils (petroleum), thermal-cracked, hydrodesulfurized (Cas No 92045-29-9)
920. Residues (petroleum), hydrogenated steam-cracked naphtha (Cas No 92062-00-5)
921. Residues (petroleum), steam-cracked naphtha distn. (Cas No 92062-04-9)
922. Distillates (petroleum), light catalytic cracked, thermally degraded (Cas No 92201-60-0)
923. Residues (petroleum), steam-cracked heat-soaked naphtha (Cas No 93763-85-0)

924. Gas oils (petroleum), light vacuum, thermal-cracked hydrodesulfurized (Cas No 97926-59-5)
925. Distillates (petroleum), hydrodesulfurized middle coker (Cas No 101316-59-0)
926. Distillates (petroleum), heavy steam-cracked (Cas No 101631-14-5)
927. Residues (petroleum), atm. Tower (Cas No 64741-45-3)
928. Gas oils (petroleum), heavy vacuum (Cas No 64741-57-7)
929. Distillates (petroleum), heavy catalytic cracked (Cas No 64741-61-3)
930. Clarified oils (petroleum), catalytic cracked (Cas No 64741-62-4)
931. Residues (petroleum), catalytic reformer fractionator (Cas No 64741-67-9)
932. Residues (petroleum), hydrocracked (Cas No 64741-75-9)
933. Residues (petroleum), thermal cracked (Cas No 64741-80-6)
934. Distillates (petroleum), heavy thermal cracked (Cas No 64741-81-7)
935. Gas oils (petroleum), hydrotreated vacuum (Cas No 64742-59-2)
936. Residues (petroleum), hydrodesulfurized atmospheric tower (Cas No 64742-78-5)
937. Gas oils (petroleum), hydrodesulfurized heavy vacuum (Cas No 64742-86-5)
938. Residues (petroleum), steam-cracked (Cas No 64742-90-1)
939. Residues (petroleum), atmospheric (Cas No 68333-22-2)
940. Clarified oils (petroleum), hydrodesulfurized catalytic cracked (Cas No 68333-26-6)
941. Distillates (petroleum), hydrodesulfurized intermediate catalytic cracked (Cas No 68333-27-7)
942. Distillates (petroleum), hydrodesulfurized heavy catalytic cracked (Cas No 68333-28-8)
943. Fuel oil, residues-straight-run gas oils, high-sulfur (Cas No 68476-32-4)
944. Fuel oil, residual (Cas No 68476-33-5)
945. Residues (petroleum), catalytic reformer fractionator residue distn. (Cas No 68478-13-7)
946. Residues (petroleum), heavy coker gas oil and vacuum gas oil (Cas No 68478-17-1)
947. Residues (petroleum), heavy coker and light vacuum (Cas No 68512-61-8)
948. Residues (petroleum), light vacuum (Cas No 68512-62-9)
949. Residues (petroleum), steam-cracked light (Cas No 68513-69-9)
950. Fuel oil, no. 6 (Cas No 68553-00-4)
951. Residues (petroleum), topping plant, low-sulfur (Cas No 68607-30-7)
952. Gas oils (petroleum), heavy atmospheric (Cas No 68783-08-4)
953. Residues (petroleum), coker scrubber, condensed-ring-arom.-contg (Cas No 68783-13-1)
954. Distillates (petroleum), petroleum residues vacuum (Cas No 68955-27-1)
955. Residues (petroleum), steam-cracked, resinous (Cas No 68955-36-2)
956. Distillates (petroleum), intermediate vacuum (Cas No 70592-76-6)
957. Distillates (petroleum), light vacuum (Cas No 70592-77-7)
958. Distillates (petroleum), vacuum (Cas No 70592-78-8)
959. Gas oils (petroleum), hydrodesulfurized coker heavy vacuum (Cas No 85117-03-9)
960. Residues (petroleum), steam-cracked, distillates (Cas No 90669-75-3)
961. Residues (petroleum), vacuum, light (Cas No 90669-76-4)
962. Fuel oil, heavy, high-sulfur (Cas No 92045-14-2)
963. Residues (petroleum), catalytic cracking (Cas No 92061-97-7)
964. Distillates (petroleum), intermediate catalytic cracked, thermally degraded (Cas No 92201-59-7)
965. Residual oils (petroleum) (Cas No 93821-66-0)
966. Residues, steam cracked, thermally treated (Cas No 98219-64-8)
967. Distillates (petroleum), hydrodesulfurized full-range middle (Cas No 101316-57-8)
968. Distillates (petroleum), light paraffinic (Cas No 64741-50-0)

969. Distillates (petroleum), heavy paraffinic (Cas No 64741-51-1)
970. Distillates (petroleum), light naphthenic (Cas No 64741-52-2)
971. Distillates (petroleum), heavy naphthenic (Cas No 64741-53-3)
972. Distillates (petroleum), acid-treated heavy naphthenic (Cas No 64742-18-3)
973. Distillates (petroleum), acid-treated light naphthenic (Cas No 64742-19-4)
974. Distillates (petroleum), acid-treated heavy paraffinic (Cas No 64742-20-7)
975. Distillates (petroleum), acid-treated light paraffinic (Cas No 64742-21-8)
976. Distillates (petroleum), chemically neutralized heavy paraffinic (Cas No 64742-27-4)
977. Distillates (petroleum), chemically neutralized light paraffinic (Cas No 64742-28-5)
978. Distillates (petroleum), chemically neutralized heavy naphthenic (Cas No 64742-34-3)
979. Distillates (petroleum), chemically neutralized light naphthenic (Cas No 64742-35-4)
980. Extracts (petroleum), light naphthenic distillate solvent (Cas No 64742-03-6)
981. Extracts (petroleum), heavy paraffinic distillate solvent (Cas No 64742-04-7)
982. Extracts (petroleum), light paraffinic distillate solvent (Cas No 64742-05-8)
983. Extracts (petroleum), heavy naphthenic distillate solvent (Cas No 64742-11-6)
984. Extracts (petroleum), light vacuum gas oil solvent (Cas No 91995-78-7)
985. Hydrocarbons, C₂₆₋₅₅, arom. Rich (Cas No 97722-04-8)
986. Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)] bis(4-aminonaphthalene-1-sulphonate) (Cas No 573-58-0)
987. Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo] [1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo) naphthalene-2,7-disulphonate (Cas No 1937-37-7)
988. Tetrasodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis[5-amino-4-hydroxynaphthalene-2,7-disulphonate] (Cas No 2602-46-2)
989. 4-o-Tolylazo-o-toluidine (Cas No 97-56-3)
990. 4-Aminoazobenzene (Cas No 60-09-3)
991. Disodium[5-[[4'-[[2,6-dihydroxy-3-[(2-hydroxy-5-sulphophenyl)azo]phenyl]azo][1,1'-biphenyl]-4-yl] azo]salicylato(4-)]cuprate(2-) (Cas No 16071-86-6)
992. Resorcinol diglycidyl ether (Cas No 101-90-6)
993. 1,3-Diphenylguanidine (Cas No 102-06-7)
994. Heptachlor-epoxide (Cas No 1024-57-3)
995. 4-Nitrosophenol (Cas No 104-91-6)
996. Carbendazim (Cas No 10605-21-7)
997. Allyl glycidyl ether (Cas No 106-92-3)
998. Chloroacetaldehyde (Cas No 107-20-0)
999. Hexane (Cas No 110-54-3)
1000. 2-(2-Methoxyethoxy)ethanol (Cas No 111-77-3)
1001. (+/-)-2-(2,4-Dichlorophenyl)-3-(1*H*-1,2,4-triazol-1-yl)propyl-1,1,2,2-tetrafluoroethylether (Cas No 112281-77-3)
1002. 4-[4-(1,3-Dihydroxyprop-2-yl)phenylamino]-1,8-dihydroxy-5-nitroanthraquinone (Cas No 114565-66-1)
1003. 5,6,12,13-Tetrachloroanthra(2,1,9-*def*:6,5,10-*d'e'f'*)diisoquinoline-1,3,8,10(2*H*,9*H*)-tetrone (Cas No 115662-06-1)
1004. tris(2-Chloroethyl) phosphate (Cas No 115-96-8)
1005. 4'-Ethoxy-2-benzimidazoleanilide (Cas No 120187-29-3)
1006. Nickel dihydroxide (Cas No 12054-48-7)

1007. N,N-Dimethylaniline (Cas No 121-69-7)
1008. Simazine (Cas No 122-34-9)
1009. Bis(cyclopentadienyl)-bis(2,6-difluoro-3-(pyrrol-1-yl)-phenyl)titanium (Cas No 125051-32-3)
1010. N,N,N',N'-Tetraglycidyl-4,4'-diamino-3,3'-diethyldiphenylmethane (Cas No 130728-76-6)
1011. Divanadium pentaoxide (Cas No 1314-62-1)
1012. Alkali salts of pentachlorophenol (Cas Nos 131-52-2 [1] and; 7778-73-6 [2])
1013. Phosphamidon (Cas No 13171-21-6)
1014. N-(Trichloromethylthio)phthalimide (Cas No 133-07-3)
1015. N-2-Naphthylaniline (Cas No 135-88-6)
1016. Ziram (Cas No 137-30-4)
1017. 1-Bromo-3,4,5-trifluorobenzene (Cas No 138526-69-9)
1018. Propazine (Cas No 139-40-2)
1019. 3-(4-Chlorophenyl)-1,1-dimethyluronium trichloroacetate; monuron-TCA (Cas No 140-41-0)
1020. Isoxaflutole (Cas No 141112-29-0)
1021. Kresoxim-methyl (Cas No 143390-89-0)
1022. Chlordecone (Cas No 143-50-0)
1023. 9-Vinylcarbazole (Cas No 1484-13-5)
1024. 2-Ethylhexanoic acid (Cas No 149-57-5)
1025. Monuron (Cas No 150-68-5)
1026. Morpholine-4-carbonyl chloride (Cas No 15159-40-7)
1027. Daminozide (Cas No 1596-84-5)
1028. Alachlor (Cas No 15972-60-8)
1029. UVCB condensation product of: tetrakis-hydroxymethylphosphonium chloride, urea and distilled hydrogenated C₁₆₋₁₈ tallow alkylamine (Cas No 166242-53-1)
1030. Ioxynil (Cas No 1689-83-4)
1031. 3,5-Dibromo-4-hydroxybenzotrile (Cas No 1689-84-5)
1032. 2,6-Dibromo-4-cyanophenyl octanoate (Cas No 1689-99-2)
1033. [4-[[4-(Dimethylamino)phenyl][4-[ethyl(3-sulphonatobenzyl)amino]phenyl]methylene]cyclohexa-2,5-dien-1-ylidene](ethyl)(3-sulphonatobenzyl)ammonium, sodium salt (Cas No 1694-09-3)
1034. 5-Chloro-1,3-dihydro-2H-indol-2-one (Cas No 17630-75-0)
1035. Benomyl (Cas No 17804-35-2)
1036. Chlorothalonil (Cas No 1897-45-6)
1037. N'-(4-Chloro-o-tolyl)-N,N-dimethylformamidine monohydrochloride (Cas No 19750-95-9)
1038. 4,4'-Methylenebis(2-ethylaniline) (Cas No 19900-65-3)
1039. Valinamide (Cas No 20108-78-5)
1040. [(p-Tolyloxy)methyl]oxirane (Cas No 2186-24-5)
1041. [(m-Tolyloxy)methyl]oxirane (Cas No 2186-25-6)
1042. 2,3-Epoxypropyl o-tolyl ether (Cas No 2210-79-9)
1043. [(Tolyloxy)methyl]oxirane, cresyl glycidyl ether (Cas No 26447-14-3)
1044. Di-allate (Cas No 2303-16-4)
1045. Benzyl 2,4-dibromobutanoate (Cas No 23085-60-1)
1046. Trifluoroiodomethane (Cas No 2314-97-8)
1047. Thiophanate-methyl (Cas No 23564-05-8)
1048. Dodecachloropentacyclo[5.2.1.0-{^{2,6}}-.0-{^{3,9}}-.0-{^{5,8}}-]decane (Cas No 2385-85-5)
1049. Propyzamide (Cas No 23950-58-5)

1050. Butyl glycidyl ether (Cas No 2426-08-6)
1051. 2,3,4-Trichlorobut-1-ene (Cas No 2431-50-7)
1052. Chinomethionate (Cas No 2439-01-2)
1053. (*R*)- α -Phenylethylammonium (-)-(1*R*,2*S*)-(1,2-epoxypropyl)phosphonate monohydrate (Cas No 25383-07-7)
1054. 5-Ethoxy-3-trichloromethyl-1,2,4-thiadiazole (Cas No 2593-15-9)
1055. Disperse Yellow 3 (Cas No 2832-40-8)
1056. 1,2,4-Triazole (Cas No 288-88-0)
1057. Aldrin (Cas No 309-00-2)
1058. Diuron (Cas No 330-54-1)
1059. Linuron (Cas No 330-55-2)
1060. Nickel carbonate (Cas No 3333-67-3)
1061. 3-(4-Isopropylphenyl)-1,1-dimethylurea (Cas No 34123-59-6)
1062. Iprodione (Cas No 36734-19-7)
1063. 4-Cyano-2,6-diiodophenyl octanoate (Cas No 3861-47-0)
1064. 5-(2,4-Dioxo-1,2,3,4-tetrahydropyrimidine)-3-fluoro-2-hydroxymethyltetrahydrofuran (Cas No 41107-56-6)
1065. Crotonaldehyde (Cas No 4170-30-3)
1066. Hexahydrocyclopenta(c)pyrrole-1-(1*H*)-ammonium *N*-ethoxycarbonyl-*N*-(*p*-olylsulfonyl)azanide (EC No 418-350-1)
1067. 4,4'-Carbonimidoylbis[*N,N*-dimethylaniline] (Cas No 492-80-8)
1068. DNOC (Cas No 534-52-1)
1069. Toluidinium chloride (Cas No 540-23-8)
1070. Toluidine sulphate (1:1) (Cas No 540-25-0)
1071. 2-(4-*tert*-Butylphenyl)ethanol (Cas No 5406-86-0)
1072. Fenthion (Cas No 55-38-9)
1073. Chlordane, pur (Cas No 57-74-9)
1074. Hexan-2-one (Cas No 591-78-6)
1075. Fenarimol (Cas No 60168-88-9)
1076. Acetamide (Cas No 60-35-5)
1077. *N*-cyclohexyl-*N*-methoxy-2,5-dimethyl-3-furamide (Cas No 60568-05-0)
1078. Dieldrin (Cas No 60-57-1)
1079. 4,4'-Isobutylethylidenediphenol (Cas No 6807-17-6)
1080. Chlordimeform (Cas No 6164-98-3)
1081. Amitrole (Cas No 61-82-5)
1082. Carbaryl (Cas No 63-25-2)
1083. Distillates (petroleum), light hydrocracked . (Cas No 64741-77-1)
1084. 1-Ethyl-1-methylmorpholinium bromide (Cas No 65756-41-4)
1085. (3-Chlorophenyl)-(4-methoxy-3-nitrophenyl)methanone (Cas No 66938-41-8)
1086. Fuels, diesel (Cas No 68334-30-5), except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen
1087. Fuel oil, no. 2 (Cas No 68476-30-2)
1088. Fuel oil, no. 4 (Cas No 68476-31-3)
1089. Fuels, diesel, no. 2 (Cas No 68476-34-6)
1090. 2,2-Dibromo-2-nitroethanol (Cas No 69094-18-4)
1091. 1-Ethyl-1-methylpyrrolidinium bromide (Cas No 69227-51-6)

1092. Monocrotophos (Cas No 6923-22-4)
1093. Nickel (Cas No 7440-02-0)
1094. Bromomethane (Cas No 74-83-9)
1095. Chloromethane (Cas No 74-87-3)
1096. Iodomethane (Cas No 74-88-4)
1097. Bromoethane (Cas No 74-96-4)
1098. Heptachlor (Cas No 76-44-8)
1099. Fentin hydroxide (Cas No 76-87-9)
1100. Nickel sulphate (Cas No 7786-81-4)
1101. 3,5,5-Trimethylcyclohex-2-enone (Cas No 78-59-1)
1102. 2,3-Dichloropropene (Cas No 78-88-6)
1103. Fluazifop-P-butyl (Cas No 79241-46-6)
1104. (S)-2,3-Dihydro-1H-indole-carboxylic acid (Cas No 79815-20-6)
1105. Toxaphene (Cas No 8001-35-2)
1106. (4-Hydrazinophenyl)-N-methylmethanesulfonamide hydrochloride (Cas No 81880-96-8)
1107. Solvent Yellow 14 (Cas No 842-07-9)
1108. Chlozolate (Cas No 84332-86-5)
1109. Alkanes, C₁₀₋₁₃, chloro (Cas No 85535-84-8)
1110. Pentachlorophenol (Cas No 87-86-5)
1111. 2,4,6-Trichlorophenol (Cas No 88-06-2)
1112. Diethylcarbonyl-chloride (Cas No 88-10-8)
1113. 1-Vinyl-2-pyrrolidone (Cas No 88-12-0)
1114. Myclobutanol; 2-(4-chlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)hexanenitrile (Cas No 88671-890)
1115. Fentin acetate (Cas No 900-95-8)
1116. Biphenyl-2-ylamine (Cas No 90-41-5)
1117. *Trans*-4-cyclohexyl-L-proline monohydro-chloride (Cas No 90657-55-9)
1118. 2-Methyl-m-phenylene diisocyanate (Cas No 91-08-7)
1119. 4-Methyl-m-phenylene diisocyanate (Cas No 584-84-9)
1120. m-Tolylidene diisocyanate (Cas No 26471-62-5)
1121. Fuels, jet aircraft, coal solvent extn., hydrocracked hydrogenated (Cas No 94114-58-6)
1122. Fuels, diesel, coal solvent extn., hydrocracked hydrogenated (Cas No 94114-59-7)
1123. Pitch (Cas No 61789-60-4), if it contains > 0.005 % w/w benzo[a]pyrene
1124. 2-Butanone oxime (Cas No 96-29-7)
1125. Hydrocarbons, C₁₆₋₂₀, solvent-dewaxed hydrocracked paraffinic distn. Residue (Cas No 97675-88-2)
1126. α,α -Dichlorotoluene (Cas No 98-87-3)
1127. Mineral wool, with the exception of those specified elsewhere in this Annex; [Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na₂O + K₂O + CaO + MgO + BaO) content greater than 18% by weight] (EC No 406-230-1)
1128. Reaction product of acetophenone, formaldehyde, cyclohexylamine, methanol and acetic acid
1129. Salts of 4,4'-carbonimidoylbis[N,N-dimethylaniline]
1130. 1,2,3,4,5,6-Hexachlorocyclohexanes with the exception of those specified elsewhere in this Annex
1131. Trisodium bis(7-acetamido-2-(4-nitro-2-oxidophenylazo)-3-sulfonato-1-naphtholato)chromate(1-)

1132. A mixture of: 4-allyl-2,6-bis(2,3-epoxypropyl)phenol, 4-allyl-6-(3-(6-(3-(6-(3-(4-allyl-2,6-bis(2,3-epoxypropyl)phenoxy)2-hydroxypropyl)-4-allyl-2-(2,3-epoxypropyl)phenoxy)-2-hydroxypropyl)-4-allyl-2-(2,3-epoxypropyl)phenoxy)-2-hydroxypropyl)-2-(2,3-epoxypropyl)phenoxy)phenol and 4-allyl-6-(3-(4-allyl-2,6-bis(2,3-epoxypropyl)phenoxy)-2-hydroxypropyl)-2-(2,3-epoxypropyl)phenoxy)phenol and 4-allyl-6-(3-(6-(3-(4-allyl-2,6-bis(2,3-epoxypropyl)phenoxy)-2-hydroxypropyl)-4-allyl-2-(2,3-epoxypropyl)phenoxy)2-hydroxypropyl)-2-(2,3-epoxypropyl)phenol.

ANNEX III - PART 1

**LIST OF SUBSTANCES WHICH COSMETIC PRODUCTS MUST NOT CONTAIN
EXCEPT SUBJECT TO 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 authorised concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
1a	Boric acid, borates and tetraborates	<p>(a) Talc</p> <p>(b) Products for oral hygiene</p> <p>(c) Other products (excluding bath products and hair waving products)</p>	<p>(a) 5 % (by mass/mass as boric acid)</p> <p>(b) 0.1 % (by mass/mass as boric acid)</p> <p>(c) 3 % (by mass/mass as boric acid)</p>	<p>(a)</p> <p>1. Not to be used in products for children under 3 years of age</p> <p>2. Not to be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (by mass/mass as boric acid)</p> <p>(b)</p> <p>1. Not to be used in products for children under 3 years of age</p> <p>(c)</p> <p>1. Not to be used in products for children under 3 years of age</p> <p>2. Not to be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (by mass/mass as boric acid)</p>	<p>(a)</p> <p>1. Not to be used for children under 3 years of age</p> <p>2. Not to be used on peeling or irritated skin</p> <p>(b)</p> <p>1. Not to be swallowed</p> <p>2. Not to be used for children under 3 years of age</p> <p>(c)</p> <p>1. Not to be used for children under 3 years of age</p> <p>2. Not to be used on peeling or irritated skin</p>

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
1b	Tetraborates	(a) Bath products (b) Hair waving products	(a) 18% (by mass/mass as boric acid) (b) 8% (by mass/mass as boric acid)	(a) Not to be used in products for children under 3 years of age	(a) Not to be used for bathing children under 3 years of age (b) Rinse well
2a	Thioglycollic acid and its salts	(a) Hair waving or straightening products: - general use - professional use (b) Depilatories (c) Other hair care products which are removed after application	- 8 % ready for use pH 7 - 9.5 - 11 % ready for use pH 7 - 9.5 - 5 % ready for use pH 7 - 12.7 - 2 % ready for use pH 7 - 9.5 <i>(Percentages calculated as thioglycollic acid)</i>	(a) (b) (c) The directions for use drawn up in the national or official language(s) must obligatorily incorporate the following sentences: - Avoid contact with eyes. - In the event of contact with eyes, rinse immediately with plenty of water and seek medical advice. - Wear suitable gloves ((a) and (c) only)	(a) - Contains thioglycolate. - Follow the instructions. - Keep out of reach of children. - For professional use only. (b) and (c) - Contains thioglycolate. - Follow the instructions. - Keep out of reach of children.
2b	Thioglycollic acid esters	Hair waving or straightening products: - general use - professional use	- 8 % ready for use pH 6 - 9.5 - 11 % ready for use pH 6 - 9.5 <i>(Percentages calculated as thioglycollic acid.)</i>	The directions for use drawn up in the national or official language(s) must obligatorily incorporate the following sentences: - May cause sensitisation in the event of skin contact. - Avoid contact with eyes. - In the event of contact with eyes, rinse immediately with plenty of water and seek medical advice. - Wear suitable gloves.	- Contains thioglycolate. - Follow the instructions. - Keep out of reach of children. - For professional use only.

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
3	Oxalic acid, its esters and Alkaline salts	Hair care products	5 %		- For professional use only
4	Ammonia		6 % calculated as NH ₃		- Above 2 % : contains ammonia
5	Tosylchloramide sodium (*)		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	
8	m- and p-Phenylene diamines, their N-substituted derivatives and their salts; N-substituted derivatives of o-Phenylene diamines ⁽¹⁾ , with the exception of those derivatives listed <i>elsewhere</i> in this Annex	Oxidizing colouring agents for hair dyeing (a) General use (b) Professional use	6 % calculated as free base		(a)- Can cause an allergic reaction. - Contains phenylene diamines. - Do not use to dye eyelashes or eye brows. (b)- For professional use only. - Contains Phenylene diamines. - Can cause an allergic reaction. - Wear suitable gloves.

(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 expressed with reference to 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 authorised concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
9	Methyl-phenylenediamines, their N-substituted derivatives and their salts (1) with the exception of substance N° 364 in Annex II	Oxidizing colouring agents for hair dyeing (a) general use (b) professional use	10 % calculated as free base		(a) - Can cause an allergic reaction. - Contains phenylene diamines. - Do not use to dye eyelashes or eyebrows. (b) - For professional use only. - Contains phenylene diamines. - Can cause an allergic reaction. -Wear suitable gloves.
10	Diaminophenols (1)	Oxidizing colouring agents for hair dyeing (a) general use (b) professional use	10 % calculated as free base		(a) - Can cause an allergic reaction. - Contains diaminophenols. - Do not use to dye eyelashes or eyebrows. (b) - For professional use only. - Contains diaminophenols. - Can cause an allergic reaction. -Wear suitable gloves.
11	Dichlorophen (*)		0.5 %		- Contains dichlorophen.
12	Hydrogen peroxide, and other compounds or mixtures that release hydrogen peroxide, including carbamide peroxide and zinc peroxide	(a) Hair-care preparations (b) Skin-care preparations (c) Nail hardening preparations (d) Oral hygiene products	-12 % H ₂ O ₂ (40 volumes) present or released -4 % of H ₂ O ₂ present or released -2 % of H ₂ O ₂ present or released -0.1 % of H ₂ O ₂ present or released		(a)(b) (c) - Contains hydrogen peroxide. - Avoid contact with eyes. - Rinse eyes immediately if product comes into contact with them. (a) -Wear suitable gloves.

(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 expressed with reference to 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 authorised concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
15a	Potassium or sodium hydroxide	(a) Nail cuticle solvent	(a) 5 % by weight ⁽³⁾		(a) - Contains alkali . - Avoid contact with eyes. - Can cause blindness . - Keep out of reach of Children.
		(b) Hair straightener 1. general use	(b) 1. 2% by weight ⁽³⁾		(b) 1. - Contains alkali. - Avoid contact with eyes. - Can cause blindness. - Keep out of reach of Children.
		2. professional use	2. 4.5% by weight ⁽³⁾		2. - For professional use only. - Avoid contact with eyes . - Can cause blindness.
		(c) pH adjuster - depilatories	(c) up to pH 12.7		(c) - Keep out of reach of children. - Avoid contact with eyes.
		(d) Other uses as pH adjuster	(d) up to pH 11		

(3) The quantity of sodium, potassium or lithium hydroxide is expressed as weight of sodium hydroxide. In cases of mixtures, the sum should not exceed the limits given in column d.

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
15b	Lithium hydroxide	(a) Hair straightener 1. General use 2. Professional use (b) pH adjuster -for depilatories (c) Other uses as pH adjuster (for rinse-off products only)	(a) 1. 2% ⁽³⁾ by weight 2. 4.5% ⁽¹⁾ by weight	(b) pH value not to exceed pH 12.7 (c) pH value not to exceed pH 11	(a) 1. - Contains alkali. - Avoid contact with eyes. - Can cause blindness. - Keep out of reach of children. 2. - For professional use only. - Avoid contact with eyes. - Can cause blindness (b) - Contains alkali. - Avoid contact with eyes. - Keep out of reach of children.
15c	Calcium hydroxide	(a) Hair straighteners containing two components: calcium hydroxide and a guanidine salt (b) pH adjuster -for depilatories (c) Other uses (e.g. pH adjuster, processing aid)	(a) 7% by weight calcium hydroxide	(b) pH value not to exceed pH 12.7 (c) pH value not to exceed pH 11	(a) - Contains alkali. - Avoid contact with eyes. - Can cause blindness. - Keep out of reach of children. (a) - Contains alkali. - Avoid contact with eyes. - Keep out of reach of children.
16	1-Naphthol (CAS No 90-15-3) and its salts	Oxidising colouring agent for hair dyeing	2.0 %	In combination with hydrogen peroxide the maximum use concentration upon application is 1.0%	Can cause allergic reaction.
17	Sodium nitrite	Rust inhibitor	0.2 %	Do not use with secondary and/or tertiary amines or other substances forming nitrosamines	

(1) The concentration of sodium, potassium or lithium hydroxide is expressed as weight of sodium hydroxide. In case of mixtures, the sum should not exceed the limits given in column d.

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
18	Nitromethane	Rust inhibitor	0.3 %		
19	Phenol and its alkali salts	Soaps and shampoos	1 % calculated as phenol		- Contains phenol.
21	Quinine and its salts	(a) Shampoos (b) Hair lotions	(a) 0.5 % calculated as quinine base (b) 0.2 % calculated as quinine base		
22	Resorcinol ⁽¹⁾	(a) Oxidizing colouring agent for hair dyeing 1. general use 2. professional use (b) Hair lotions and shampoos	(a) 5 % (b) 0.5 %		(a) 1. - 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. 2. - For professional use only. - Contains resorcinol. - Rinse eyes immediately if product comes into contact with them. (b) - Contains Resorcinol.
23	(a) Alkali sulphides (b) Alkali earth sulphides	(a) Depilatories (b) Depilatories	(a) 2 % calculated as sulphur pH up to 12.7 (b) 6 % calculated as sulphur pH up to 12.7		(a) - Keep out of reach of children. - Avoid contact with eyes. (b) - Keep out of reach of children. - Avoid contact with the eyes.
24	Water-soluble zinc salts with the exception of zinc-4-hydroxy-benzenesulphonate and zinc pyrithione		1 % calculated as zinc		
25	Zinc 4-hydroxybenzene sulpho-nate	Deodorants, antiperspirants and astringent lotions	6 % calculated as % of anhydrous substance		- Avoid contact with eyes

(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 expressed with reference to 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 authorised concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
26	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
27	Sodium monofluorophosphate	Ditto	0.15 % Ditto		- Contains sodium monofluorophosphate
28	Potassium monofluorophosphate	Ditto	0.15 % Ditto		- Contains potassium monofluorophosphate
29	Calcium monofluorophosphate	Ditto	0.15 % Ditto		- Contains calcium monofluorophosphate
30	Calcium fluoride	Ditto	0.15 % Ditto		- Contains calcium fluoride
31	Sodium fluoride	Ditto	0.15 % Ditto		- Contains sodium fluoride
32	Potassium fluoride	Ditto	0.15 % Ditto		- Contains potassium fluoride
33	Ammonium fluoride	Ditto	0.15 % Ditto		- Contains ammonium fluoride
34	Aluminium fluoride	Ditto	0.15 % Ditto		- Contains aluminium fluoride
35	Stannous fluoride	Ditto	0.15 % Ditto		- Contains stannous fluoride
36	Hexadecyl ammonium fluoride	Ditto	0.15 % Ditto		- Contains hexadecyl ammonium fluoride

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
37	3-(N-Hexadecyl-N-2-hydroxyethyl-ammonio) propyl bis (2-hydroxyethyl) ammonium dihydrofluoride	Ditto	0.15 % Ditto		Contains 3-(N-Hexadecyl-N-2-hydroxyethyl-ammonio) propylbis (2-hydroxyethyl) ammonium dihydrofluoride
38	NN'N'-Tris (polyoxyethylene)-N-hexa-decyl propylene diamine dihydrofluoride	Ditto	0.15 % Ditto		- Contains NN'N'-Tris (polyoxyethylene)-N-hexadecylpropyl-enediamine dihydrofluoride
39	Octadecenyl-ammonium fluoride	Ditto	0.15 % Ditto		- Contains octadecenyl-ammonium fluoride
40	Sodium fluorosilicate	Ditto	0.15 % Ditto		- Contains sodium fluorosilicate
41	Potassium fluorosilicate	Ditto	0.15 % Ditto		- Contains potassium fluorosilicate
42	Ammonium fluorosilicate	Ditto	0.15 % Ditto		- Contains ammonium fluorosilicate
43	Magnesium fluorosilicate	Ditto	0.15 % Ditto		- Contains magnesium fluorosilicate
44	1,3-Bis (hydroxymethyl) imidazolidine-2-thione	a) Hair care preparations b) Nail care preparations	a) Up to 2 % b) Up to 2 %	(a) Prohibited in aerosols dispensers (sprays) b) The pH of the product as applied must be less than 4	- Contains 1,3-Bis (hydroxymethyl) imidazolidine-2-thione
45	Benzyl alcohol	Solvents, perfumes and flavourings			
46	6-methylcoumarin	Oral hygiene products	0.003 %		

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
47	Nicomethanol hydrofluoride	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 Nicomethanol hydrofluoride.
48	Silver nitrate	Solely for products intended for colouring eyelashes and eyebrows	4 %		- Contains silver nitrate. - Rinse the eyes immediately if product comes into contact with them.
49	Selenium disulphide	Anti-dandruff shampoos	1 %		- Contains selenium disulphide. - Avoid contact with eyes or damaged skin.
50	Aluminium zirconium chloride hydroxide complexes $Al_xZr(OH)_yCl_z$ and the aluminium zirconium chloride hydroxide glycine complexes	Anti-perspirants	20 % as anhydrous aluminium zirconium chloride hydroxide 5.4 % as zirconium	1. The ratio of the number of aluminium atoms to that of zirconium atoms must be between 2 and 10 2. The ratio of the number of (Al + Zr) atoms to that of chlorine atoms must be between 0.9 and 2.13. Prohibited in aerosol dispensers (sprays)	- Do not apply to irritated or damaged skin.
51	Quinolin-8-ol and bis (8-hydroxyquinolinium) sulphate	Stabilizer for hydrogen peroxide in rinse-off hair-care preparations. Stabilizer for hydrogen peroxide in non-rinse-off hair-care preparations.	0.3 % calculated as base 0.03 % calculated as base		

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
52	Methanol	Denaturant for ethanol and isopropyl alcohol	5 % calculated as a % of ethanol and isopropyl alcohol		
53	Etidronic acid and its salts (1-hydroxyethylidene-diphosphonic acid and its salts)	(a) Hair-care (b) Soap	1.5 % expressed as etidronic acid 0.2 % expressed as etidronic acid		
54	1-Phenoxypropan-2-ol	- Rinse-off products only - Prohibited in oral hygiene products	2 %	As a preservative, see Annex VI, Part 1, N° 43	
55	This entry has been deleted				
56	Magnesium fluoride	Dental 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 magnesium fluoride
57	Strontium chloride hexa-hydrate	(a) Toothpaste (b) Shampoo and face care products	(a) 3.5 % calculated as strontium. When mixed with other permitted strontium compounds the total strontium content must not exceed 3.5 % (b) 2.1% calculated as strontium. When mixed with other permitted strontium compounds, the total strontium content must not exceed 2.1%		- Contains strontium chloride - Frequent use by children is not advisable

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
58	Strontium acetate hemihydrate	Toothpaste	3.5 % calculated as strontium. When mixed with other permitted strontium products the total strontium content must not exceed 3.5 %		- Contains strontium acetate - Frequent use by children is not advisable
59	Talc: Hydrated magnesium silicate	a) Powdery products intended to be used by children under three years of age b) Other products			a) - Keep powder away from children's nose and mouth
60	Fatty acid dialkylamides and dialkanolamides		Maximum secondary amine content: 0.5 %	- Do not use with nitrosating systems - Maximum secondary amine content: 5 % (applies to raw materials) - Maximum nitrosamine content: 50 µg/kg - Keep in nitrite-free containers	
61	Monoalkylamines, monoalkanolamines and their salts		Maximum secondary amine content: 0.5 %	- Do not use with nitrosating systems - Minimum purity: 99 % - Maximum secondary amine content: 0.5 % (applies to raw materials) - Maximum nitrosamine content: 50 µg/kg - Keep in nitrite-free containers	
62	Trialkylamines, trialkanolamines and their salts	(a) non-rinse-off products (b) other products	(a) 2.5 %	(a) (b) - Do not use with nitrosating systems - Minimum purity: 99 % - Maximum secondary amine content: 0.5 % (applies to raw materials) - Maximum nitrosamine content: 50 µg/kg - Keep in nitrite-free containers	

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
63	Strontium hydroxide	pH-regulator in depilatory products	3.5 % calculated as strontium, max. pH of 12.7		<ul style="list-style-type: none"> - Keep out of reach of children - Avoid contact with the eyes
64	Strontium peroxide	Rinse-off hair care preparations professional use	4.5 % calculated as strontium in the ready-for-use preparation	All products must meet the hydrogen peroxide release requirements	<ul style="list-style-type: none"> - Avoid contact with eyes - Rinse eyes immediately if product comes into contact with them - For professional use only - Wear suitable gloves
65	Benzalkonium chloride, bromide and saccharinate	<p>(a) Rinse-off hair (head) care products</p> <p>(b) Other products</p>	<p>(a) 3% (as benzalkonium chloride)</p> <p>(b) 0.1% (as benzalkonium chloride)</p>	(a) In the final products the concentrations of benzalkonium chloride, bromide and saccharinate with an alkyl chain of C ₁₄ , or less must not exceed 0.1% (as benzalkonium chloride)	<p>(a) Avoid contact with the eyes</p> <p>(b) Avoid contact with the eyes</p>
66	Polyacrylamides	<p>(a) Body-care leave-on products</p> <p>(b) Other cosmetic product</p>		<p>(a) Maximum residual acrylamide content 0.1 mg/kg</p> <p>(b) Maximum residual acrylamide content 0.5 mg/kg</p>	

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
67	Amyl cinnamal (CAS No. 122-40-7)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	
68	Benzyl alcohol (CAS No. 100-51-6)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	
69	Cinnamyl alcohol (CAS No. 104-54-1)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	
70	Citral (CAS No. 5392-40-5)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	
71	Eugenol (CAS No. 97-53-0)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	
72	Hydroxy-citronellal (CAS No. 107-75-5)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
73	Isoeugenol (CAS No. 97-54-1)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	
74	Amylcin namyl alcohol (CAS No. 101-85-9)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	
75	Benzyl salicylate (CAS No. 118-58-1)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	
76	Cinnamal (CAS No. 104-55-2)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	
77	Coumarin (CAS No. 91-64-5)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	
78	Geraniol (CAS No. 106-24-1)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
79	Hydroxy-methylpentyl cyclohexenecarboxaldehyde (CAS No. 31906-04-4)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	
80	Anisyl alcohol (CAS No. 105-13-5)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	
81	Benzyl cinnamate (CAS No. 103-41-3)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	
82	Farnesol (CAS No. 4602-84-0)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	
83	2-(4-tert-Butylbenzyl) propionaldehyde (CAS No. 80-54-6)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	
84	Linalool (CAS No. 78-70-6)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
85	Benzyl benzoate (CAS No.120-51-4)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	
86	Citronellol (CAS No. 106-22-9)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	
87	Hexyl cinnam-aldehyde (CAS No. 101-86-0)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	
88	d-Limonene (CAS No. 5989-27-5)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	
89	Methyl heptin carbonate (CAS No.111-12-6)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
90	3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one (CAS No. 127-51-5)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	
91	Oak moss extract (CAS No. 90028-68-5)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products	
92	Treemoss extract (CAS No. 90028-67-4)			The presence of the substance must be indicated in the list of ingredients referred to in Article 6(1)(g) when its concentration exceeds: — 0.001 % in leave-on products — 0.01 % in rinse-off products'	
93	2,4-Diamino-pyrimidine-3-oxide (CAS No. 74638-76-9)	Hair care formulations	1,5%		
94	Benzoyl peroxide	Artificial nail systems	0,7% (after mixing)	Professional use only	- For professional use only - Avoid skin contact - Read directions for use carefully
95	Hydroquinone methylether	Artificial nail systems	0,02% (after mixing for use)	Professional use only	- For professional use only - Avoid skin contact - Read directions for use carefully

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements	
a	b	c	d	e	f
96	Musk xylene (CAS No. 81-15-2)	All cosmetic products, with the exception of oral care products	(a) 1.0% in fine fragrance (b) 0.4% in eau de toilette (c) 0.03% in other products		
97	Musk ketone (CAS No. 81-14-1)	All cosmetic products, with the exception of oral care products	(a) 1.4% in fine fragrance (b) 0.56% in eau de toilette (c) 0.042% in other products		

ANNEX III - PART 2

LIST OF SUBSTANCES PROVISIONALLY ALLOWED

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label	Allowed until
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements		
a	b	c	d	e	f	
1	Basic Blue 7 (CAS No. 2390-60-5)	Non-oxidising colouring agents for hair dyeing	0.2%		Can cause allergic reaction	31.12.2005
2	2-Amino-3-nitrophenol (CAS No. 603-85-0) and its salts	a) Oxidising colouring agents for hair dyeing b) Non-oxidising colouring agents for hair dyeing	(a) 3.0% (b) 3.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.5%	a) b) Can cause allergic reaction	31.12.2005
3	4-Amino-3-nitrophenol (CAS No. 610-81-1) and its salts	a) Oxidising colouring agents for hair dyeing b) Non-oxidising colouring agents for hair dyeing	(a) 3.0% (b) 3.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.5%	a) b) Can cause allergic reaction	31.12.2005
4	2,7-Naphthalenediol (CAS No. 582-17-2) and its salts	Oxidising colouring agents for hair dyeing	1.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 0.5%		31.12.2005
5	m-Aminophenol (CAS No. 591-27-5) and its salts	Oxidising colouring agents for hair dyeing	2.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.0%	Can cause allergic reaction	31.12.2005
6	2,6-Dihydroxy-3,4-dimethylpyridine (CAS No. 84540-47-6) and its salts	Oxidising colouring agents for hair dyeing	2.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.0%	Can cause allergic reaction	31.12.2005

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label	Allowed until
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements		
a	b	c	d	e	f	
7	4-Hydroxy-propylamino-3-nitrophenol (CAS No. 92952-81-3) and its salts	(a) Oxidising colouring agents for hair dyeing (b) Non-oxidising colouring agents for hair dyeing	(a) 5.2% (b) 2.6%	In combination with hydrogen peroxide the maximum use concentration upon application is 2.6%	(a) (b) Can cause allergic reaction	31.12.2005
8	6-Nitro-2,5-pyridinediamine (CAS No 69825-83-8) and its salts	Non-oxidising colouring agent for hair dyeing	3.0%		Can cause allergic reaction	31.12.2005
9	HC Blue No. 11 (CAS No. 23920-15-2) and its salts	(a) Oxidising colouring agents for hair dyeing (b) Non-oxidising colouring agents for hair dyeing	(a) 3.0% (b) 2.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.5%	(a) (b) Can cause allergic reaction	31.12.2005
10	Hydroxyethyl-2-nitro-p-toluidine (CAS No. 100418-33-5) and its salts	(a) Oxidising colouring agents for hair dyeing (b) Non-oxidising colouring agents for hair dyeing	(a) 2.0% (b) 1.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.0%	(a) (b) Can cause allergic reaction	31.12.2005
11	2-Hydroxy-ethylpicramic acid (CAS No. 99610-72-7) and its salts	(a) Oxidising colouring agents for hair dyeing (b) Non-oxidising colouring agents for hair dyeing	(a) 3.0% (b) 2.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.5%	(a) (b) Can cause allergic reaction	31.12.2005
12	p-Methylaminophenol (CAS No. 150-75-4) and its salts	Oxidising colouring agents for hair dyeing	3.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.5%	Can cause allergic reaction	31.12.2005
13	2,4-Diamino-5-methylphenoxyethanol (CAS No. 141614-05-3) and its salts	Oxidising colouring agents for hair dyeing	3.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.5%	Can cause allergic reaction	31.12.2005

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label	Allowed until
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements		
a	b	c	d	e	f	
14	HC Violet No. 2 (CAS No. 104226-19-9) and its salts	Non-oxidising colouring agent for hair dyeing	2.0%			31.12.2005
15	Hydroxyethyl-2,6-dinitro-p-anisidine (CAS No. 122252-11-3) and its salts	Non-oxidising colouring agent for hair dyeing	3.0%		Can cause allergic reaction	31.12.2005
16	HC Blue No. 12 (CAS No. 104516-93-0) and its salts	(a) Oxidising colouring agents for hair dyeing (b) Non-oxidising colouring agents for hair dyeing	(a) 1.5% (b) 1.5%	In combination with hydrogen peroxide the maximum use concentration upon application is 0.75%	(a) (b) Can cause allergic reaction	31.12.2005
17	2,4-Diamino-5-methylphenetol (CAS No. 113715-25-6) and its salts	Oxidising colouring agents for hair dyeing	2.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.0%	Can cause allergic reaction	31.12.2005
18	1,3-Bis-(2,4-diamino-phenoxy) propane (CAS No. 81892-72-0) and its salts	Oxidising colouring agents for hair dyeing	2.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.0%	Can cause allergic reaction	31.12.2005
19	3-Amino-2,4-dichlorophenol (CAS No. 61693-43-4) and its salts	Oxidising colouring agents for hair dyeing	2.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.0%	Can cause allergic reaction	31.12.2005
20	Phenyl methyl pyrazolone (CAS No. 89-25-8) and its salts	Oxidising colouring agents for hair dyeing	0.5%	In combination with hydrogen peroxide the maximum use concentration upon application is 0.25%		31.12.2005

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label	Allowed until
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements		
a	b	c	d	e	f	
21	2-Methyl-5-hydroxyethyl-aminophenol (CAS No. 55302-96-0) and its salts	Oxidising colouring agents for hair dyeing	2.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.0%	Can cause allergic reaction	31.12.2005
22	Hydroxybenzomorpholine (CAS No. 26021-57-8) and its salts	Oxidising colouring agents for hair dyeing	2.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.0%	Can cause allergic reaction	31.12.2005
23	1,7-Naphthalenediol (CAS No. 575-38-2) and its salts	Oxidising colouring agents for hair dyeing	1.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 0.5%	Can cause allergic reaction	31.12.2005
24	HC Yellow No. 10 (CAS No. 109023-83-8) and its salts	Non-oxidising colouring agents for hair dyeing	0.2%			31.12.2005
25	2,6-Dimethoxy-3,5-pyridine diamine (CAS No. 85679-78-3) and its salts	Oxidising colouring agents for hair dyeing	0.5%	In combination with hydrogen peroxide the maximum use concentration upon application is 0.25%	Can cause allergic reaction	31.12.2005
26	HC Orange No. 2 (CAS No. 85765-48-6) and its salts	Non-oxidising colouring agents for hair dyeing	1.0%			31.12.2005
27	HC Violet No. 1 (CAS No. 82576-75-8) and its salts	a) Oxidising colouring agents for hair dyeing b) Non-oxidising colouring agents for hair dyeing	(a)0.5% (b) 0.5%	In combination with hydrogen peroxide the maximum use concentration upon application is 0.25%		31.12.2005

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label	Allowed until
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements		
a	b	c	d	e	f	
28	3-Methylamino-4-nitro-phenoxyethanol (CAS No. 59820-63-2) and its salts	Non-oxidising colouring agents for hair dyeing	1.0%			31.12.2005
29	2-Hydroxyethylamino-5-nitro-anisole (CAS No. 66095-81-6) and its salts	Non-oxidising colouring agents for hair dyeing	1.0%			31.12.2005
30	2-Chloro-5-nitro-N-hydroxyethyl-p-phenylenediamine (CAS No 50610-28-1) and its salts	(a) Oxidising colouring agents for hair dyeing (b) Non-oxidising colouring agents for hair dyeing	(a) 2.0% (b) 1.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.0%		31.12.2005
31	HC Red No. 13 (CAS No. 29705-39-3) and its salts	(a) Oxidising colouring agents for hair dyeing (b) Non-oxidising colouring agents for hair dyeing	(a) 2.5% (b) 2.5%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.25%		31.12.2005
32	1,5-Naphthalenediol (CAS No. 83-56-7) and its salts	Oxidising colouring agents for hair dyeing	1.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 0.5%		31.12.2005
33	Hydroxypropyl bis (N-hydroxyethyl-p-phenylenediamine) (CAS No. 128729-30-6) and its salts	Oxidising colouring agents for hair dyeing	3.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.5%	Can cause allergic reaction	31.12.2005
34	o-Aminophenol (CAS No. 95-55-6) and its salts	Oxidising colouring agents for hair dyeing	2.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.0%		31.12.2005

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label	Allowed until
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements		
a	b	c	d	e	f	
35	4-Amino-2-hydroxytoluene (CAS No. 2835-95-2) and its salts	Oxidising colouring agents for hair dyeing	3.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.5%		31.12.2005
36	2,4-Diaminophenoxyethanol (CAS No. 66422-95-5) and its salts	Oxidising colouring agents for hair dyeing	4.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 2.0%		31.12.2005
37	2-Methylresorcinol (CAS No. 608-25-3) and its salts	Oxidising colouring agents for hair dyeing	2.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.0%		31.12.2005
38	4-Amino-m-cresol (CAS No. 2835-99-6) and its salts	Oxidising colouring agents for hair dyeing	3.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.5%		31.12.2005
39	2-Amino-4-hydroxyethylaminoanisole (CAS No. 83763-47-7) and its salts	Oxidising colouring agents for hair dyeing	3.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.5%		31.12.2005
40	3,4-Diaminobenzoic acid (CAS No. 619-05-6) and its salts	Oxidising colouring agents for hair dyeing	2.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.0%		31.12.2005
41	6-Amino-o-cresol (CAS No. 17672-22-9) and its salts	Oxidising colouring agents for hair dyeing	3.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.5%		31.12.2005
42	2-Aminomethyl-p-aminophenol (CAS No. 79352-72-0) and its salts	Oxidising colouring agents for hair dyeing	3.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.5%		31.12.2005

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label	Allowed until
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements		
a	b	c	d	e	f	
43	Hydroxyethyl-aminomethyl-p-aminophenol (CAS No. 110952-46-0) and its salts	Oxidising colouring agents for hair dyeing	3.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.5%		31.12.2005
44	Hydroxyethyl-3,4-methylenedioxyaniline (CAS No. 81329-90-0) and its salts	Oxidising colouring agents for hair dyeing	3.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.5%		31.12.2005
45	Acid Black 52 (CAS No. 3618-58-4) and its salts	Oxidising colouring agents for hair dyeing	2.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.0%		31.12.2005
46	2-Nitro-p-phenylenediamine (CAS No. 5307-14-2) and its salts	(a) Oxidising colouring agents for hair dyeing (b) Non-oxidising colouring agents for hair dyeing	(a) 0.3% (b) 0.3%	In combination with hydrogen peroxide the maximum use concentration upon application is 0.15%		31.12.2005
47	HC Blue No. 2 (CAS No. 33229-34-4) and its salts	Non-oxidising colouring agents for hair dyeing	2.8%			31.12.2005
48	3-Nitro-p-hydroxyethylaminophenol (CAS No. 65235-31-6) and its salts	(a) Oxidising colouring agents for hair dyeing (b) Non-oxidising colouring agents for hair dyeing	(a) 6.0% (b) 6.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 3.0%		31.12.2005
49	4-Nitrophenylaminoethylurea (CAS No. 27080-42-8) and its salts	(a) Oxidising colouring agents for hair dyeing (b) Non-oxidising colouring agents for hair dyeing	(a) 0.5% (b) 0.5%	In combination with hydrogen peroxide the maximum use concentration upon application is 0.25%		31.12.2005

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label	Allowed until
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements		
a	b	c	d	e	f	
50	HC Red No. 10 + HC Red No. 11 (CAS No. 95576-89-9 + 95576-92-4) and its salts	(a) Oxidising colouring agents for hair dyeing (b) Non-oxidising colouring agents for hair dyeing	(a) 2.0% (b) 1.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.0%		31.12.2005
51	HC Yellow No. 6 (CAS No. 104333-00-8) and its salts	(a) Oxidising colouring agents for hair dyeing (b) Non-oxidising colouring agents for hair dyeing	(a) 2.0% (b) 1.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.0%		31.12.2005
52	HC Yellow No. 12 (CAS No. 59320-13-7) and its salts	(a) Oxidising colouring agents for hair dyeing (b) Non-oxidising colouring agents for hair dyeing	(a) 1.0% (b) 0.5%	In combination with hydrogen peroxide the maximum use concentration upon application is 0.5%		31.12.2005
53	HC Blue No. 10 (CAS No. 102767-27-1) and its salts	Oxidising colouring agents for hair dyeing	2.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.0%		31.12.2005
54	HC Blue No. 9 (CAS No. 114087-41-1 (*)) and its salts	(a) Oxidising colouring agents for hair dyeing (b) Non-oxidising colouring agents for hair dyeing	(a) 2.0% (b) 1.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.0%		31.12.2005
55	2-Chloro-6-ethylamino-4-nitrophenol (CAS No. 131657-78-8) and its salts	(a) Oxidising colouring agents for hair dyeing (b) Non-oxidising colouring agents for hair dyeing	(a) 3.0% (b) 3.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.5%		31.12.2005
56	2-Amino-6-chloro-4-nitrophenol (CAS No. 6358-09-4) and its salts	(a) Oxidising colouring agents for hair dyeing (b) Non-oxidising colouring agents for hair dyeing	(a) 2.0% (b) 2.0%	In combination with hydrogen peroxide the maximum use concentration upon application is 1.0%		31.12.2005

(* the CAS No of the Official Journal (L 102/19) is incorrect

Reference number	Substance	RESTRICTIONS			Conditions of use and warnings which must be printed on the label	Allowed until
		Field of application and/or use	Maximum authorised concentration in the finished cosmetic product	Other limitations and requirements		
a	b	c	d	e	f	
57	Basic Blue 26 (CAS No. 2580-56-5) (CI 44045) and its salts	(a) Oxidising colouring agents for hair dyeing (b) Non-oxidising colouring agents for hair dyeing	(a) 0.5% (b) 0.5%	In combination with hydrogen peroxide the maximum use concentration upon application is 0.25%		31.12.2005
58	Acid Red 33 (CAS No. 3567-66-6) (CI 17200) and its salts	Non-oxidising colouring agent for hair dyeing	2.0%			31.12.2005
59	Ponceau SX (CAS No. 4548-53-2) (CI 14700) and its salts	Non-oxidising colouring agents for hair dyeing	2.0%			31.12.2005
60	Basic Violet 14 (CAS No. 632-99-5) (CI 42510) and its salts	(a) Oxidising colouring agents for hair dyeing (b) Non-oxidising colouring agents for hair dyeing	(a) 0.3% (b) 0.3%	In combination with hydrogen peroxide the maximum use concentration upon application is 0.15%		31.12.2005

ANNEX IV - PART 1

LIST OF COLOURING AGENTS ALLOWED FOR USE IN COSMETIC PRODUCTS (1)

Field of application

- Column 1: Colouring agents allowed in all cosmetic products
- Column 2: Colouring agents allowed in all cosmetic products except those intended to be applied in the vicinity of the eyes, in particular eye make-up and eye make-up remover.
- Column 3: Colouring agents allowed exclusively in cosmetic products intended not to come into contact with the mucous membranes
- Column 4: Colouring agents allowed exclusively in cosmetic products intended to come into contact only briefly with the skin

Colour Index Number or Denomination	Colour	Field of application				Other Limitations and requirements (2)
		1	2	3	4	
10006	Green				X	
10020	Green			X		
10316 (3)	Yellow		X			
11680	Yellow			X		
11710	Yellow			X		
11725	Orange				X	
11920	Orange	X				
12010	Red			X		

- (1) *Lakes or salts of these colouring agents using substances not prohibited under Annex II or not excluded under Annex V from the scope of this Directive are equally allowed.*
- (2) *Colouring agents whose number is preceded by the letter "E" in accordance with the EEC Directive of 1962 concerning foodstuffs and colouring matters must fulfil the purity requirements laid down in those Directives. They continue to be subject to the general criteria set out in Annex III to the 1962 Directive concerning colouring matters where the letter "E" has been deleted therefrom.*
- (3) *The insoluble barium, strontium and zirconium lakes, salts and pigments of these colouring agents shall also be permitted. They must pass the test for insolubility which will be determined by the procedure laid down in Article 8.*

Colour Index Number or Denomination	Colour	Field of application				Other Limitations and requirements (2)	
		1	2	3	4		
12085 (3)	Red	X				3 % max. concentration in the finished product	
12120	Red				X		
12150	Red	X					
12370	Red				X		
12420	Red				X		
12480	Brown				X		
12490	Red	X					
12700	Yellow				X		
13015	Yellow	X					E 105
14270	Orange	X					E 103
14700	Red	X					
14720	Red	X					E 122
14815	Red	X					E 125
15510 (3)	Orange		X				
15525	Red	X					
15580	Red	X					
15620	Red				X		
15630 (3)	Red	X					3 % max. concentration in the finished product
15800	Red			X			
15850 (3)	Red	X					
15865 (3)	Red	X					
15880	Red	X					
15980	Orange	X				E 111	
15985 (3)	Yellow	X				E 110	
16035	Red	X					
16185	Red	X				E 123	
16230	Orange			X			
16255 (3)	Red	X				E 124	
16290	Red	X				E 126	
17200 (3)	Red	X					
18050	Red			X			
18130	Red				X		

Colour Index Number or Denomination	Colour	Field of application				Other Limitations and requirements (2)
		1	2	3	4	
18690	Yellow				X	
18736	Red				X	
18820	Yellow				X	
18965	Yellow	X				
19140 (3)	Yellow	X				E 102
20040	Yellow				X	Maximum 3,3'-dimethylbenzidine concentration in the colouring agent: 5 ppm
20170	Orange			X		
20470	Black				X	
21100	Yellow				X	Maximum 3,3'-dimethylbenzidine concentration in the colouring agent: 5 ppm
21108	Yellow				X	Ditto
21230	Yellow			X		
24790	Red				X	
26100	Red			X		Purity criteria: aniline ≤ 0.2 % 2-naphtol ≤ 0.2 % 4-aminoazobenzene ≤ 0.1 % 1-(phenylazo)-2-naphtol ≤ 3 % 1-[2-(phenylazo)phenylazo]-2-naphtalenol ≤ 2 %
27290 (3)	Red				X	
27755	Black	X				E 152
28440	Black	X				E 151
40215	Orange				X	
40800	Orange	X				
40820	Orange	X				E 160 e
40825	Orange	X				E 160 f
40850	Orange	X				E 161 g
42045	Blue			X		
42051 (3)	Blue	X				E 131

Colour Index Number or Denomination	Colour	Field of application				Other Limitations and requirements (2)
		1	2	3	4	
42053	Green	X				
42080	Blue				X	
42090	Blue	X				
42100	Green				X	
42170	Green				X	
42510	Violet			X		
42520	Violet				X	5 ppm max. concentration in the finished product
42735	Blue			X		
44045	Blue			X		
44090	Green	X				E 142
45100	Red				X	
45190	Violet				X	
45220	Red				X	
45350	Yellow	X				6 % max. concentration in the finished product
45370 (3)	Orange	X				Not more than 1% 2-(6-hydroxy-3-oxo-3H-xanthen-9-yl)benzoic acid and 2% 2-(bromo-6-hydroxy-3-oxo-3H-xanthen-9-yl)benzoic acid
45380 (3)	Red	X				Ditto
45396	Orange	X				When used in lipstick, the colouring agent is allowed only in free acid form and in a maximum concentration of 1%
45405	Red		X			Not more than 1% 2-(6-hydroxy-3-oxo-3H-xanthen-9-yl)benzoic acid and 2% 2-(bromo-6-hydroxy-3-oxo-3H-xanthen-9-yl)benzoic acid
45410 (3)	Red	X				Ditto
45425	Red	X				Not more than 1% 2-(6-hydroxy-3-oxo-3H-xanthen-9-yl)benzoic acid and 3% 2-(iodo-6-hydroxy-3-oxo-3H-xanthen-9-yl)benzoic acid
45430 (3)	Red	X				E 127, ditto
47000	Yellow			X		

Colour Index Number or Denomination	Colour	Field of application				Other Limitations and requirements (2)
		1	2	3	4	
47005	Yellow	X				E 104
50325	Violet				X	
50420	Black			X		
51319	Violet				X	
58000	Red	X				
59040	Green			X		
60724	Violet				X	
60725	Violet	X				
60730	Violet			X		
61565	Green	X				
61570	Green	X				
61585	Blue				X	
62045	Blue				X	
69800	Blue	X				E 130
69825	Blue	X				
71105	Orange			X		
73000	Blue	X				
73015	Blue	X				E 132
73360	Red	X				
73385	Violet	X				
73900	Violet				X	
73915	Red				X	
74100	Blue				X	
74160	Blue	X				
74180	Blue				X	
74260	Green		X			
75100	Yellow	X				
75120	Orange	X				E 160 b
75125	Yellow	X				E 160 d
75130	Orange	X				E 160 a
75135	Yellow	X				E 161 d
75170	White	X				
75300	Yellow	X				E 100
75470	Red	X				E 120
75810	Green	X				E 140 and E 141
77000	White	X				E 173

Colour Index Number or Denomination	Colour	Field of application				Other Limitations and requirements (2)
		1	2	3	4	
77002	White	X				
77004	White	X				
77007	Blue	X				
77015	Red	X				
77120	White	X				
77163	White	X				
77220	White	X				E 170
77231	White	X				
77266	Black	X				
77267	Black	X				
77268:1	Black	X				E 153
77288	Green	X				Free from chromate ions
77289	Green	X				Free from chromate ions
77346	Green	X				
77400	Brown	X				
77480	Brown	X				E 175
77489	Orange	X				E 172
77491	Red	X				E 172
77492	Yellow	X				E 172
77499	Black	X				E 172
77510	Blue	X				Free from cyanide ions
77713	White	X				
77742	Violet	X				
77745	Red	X				
77820	White	X				E 174
77891	White	X				E 171
77947	White	X				
Lactoflavin	Yellow	X				E 101
Caramel	Brown	X				E 150
Capsanthin, capsorubin	Orange	X				E 160 c
Beetroot red	Red	X				E 162
Anthocyanins	Red	X				E 163
Aluminium, zinc, magnesium and calcium stearates	White	X				

Colour Index Number or Denomination	Colour	Field of application				Other Limitations and requirements (2)
		1	2	3	4	
Bromothymol blue	Blue				X	
Bromocresol green	Green				X	
Acid Red 195	Red			X		

ANNEX IV—PART 2

**LIST OF COLOURING AGENTS PROVISIONALLY ALLOWED
FOR USE IN COSMETIC PRODUCTS ⁽¹⁾**

Field of application:

- Column 1: Colouring agents allowed in all cosmetic products.
- Column 2: Colouring agents allowed in all cosmetic products except those intended to be applied in the vicinity of eyes, in particular eye make-up and eye make-up remover.
- Column 3: Colouring agents allowed in all cosmetic products intended not to come into contact with the mucous membranes.
- Column 4: Colouring agents allowed exclusively in cosmetic products intended to come into contact only briefly with the skin

Colour Index Number or Denomination	Colour	Field of application				Other Limitations and requirements (2)
		1	2	3	4	

Note: no colouring agent is listed in this section for the present time.

- (1) *Lakes and salts of these colouring agents using substances not prohibited under Annex II or not excluded under Annex V from the scope of this Directive are equally allowed.*
- (2) *Colouring agents whose number is preceded by the letter "E" in accordance with the EEC Directive of 1962 concerning foodstuffs and colouring matters must fulfil the purity requirements laid down in those Directives. They continue to be subject to the general criteria set out in Annex III to the 1962 Directive concerning colouring matters where the letter "E" has been deleted therefrom.*

ANNEX V

LIST OF SUBSTANCES EXCLUDED FROM THE SCOPE OF THE DIRECTIVE

5. Strontium and its compounds, with the exception of strontium lactate, strontium nitrate and strontium polycarboxylate listed Annex II, strontium sulphide, strontium chloride, strontium acetate, strontium hydroxide, strontium peroxide, under the conditions laid down in Annex III, Part 1, and of strontium lakes, pigments and salts of the colouring agents listed with the reference (3) in Annex IV, Part 1.

ANNEXVI - PART 1

LIST OF PRESERVATIVES WHICH COSMETIC PRODUCTS MAY CONTAIN

Preamble

1. Preservatives are substances, which may be added to cosmetic products for the primary purpose of inhibiting the development of micro-organisms in such products.
2. The substances marked with the symbol (+) may also be added to cosmetic products in concentration other than those laid down in this Annex for other specific purposes apparent from the presentation of the products, e.g. as deodorants in soaps or as anti-dandruff agents in shampoos.
3. Other substances used in the formulation of cosmetic products may 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.
5. All finished products containing formaldehyde or substances in this Annex and which release formaldehyde must be labelled with the warning “contains formaldehyde” where the concentration of formaldehyde in the finished product exceeds 0.05%.

Colipa number	Reference number	Substance	Maximum authorised concentration	Limitations and requirements	Conditions of use and warnings which must be printed on the label
	a	b	c	d	e
P 2	1	Benzoic acid, its salts and esters (+)	0.5% (acid)		
P 13	2	Propionic acid and its salts (+)	2% (acid)		
P 14	3	Salicylic acid and its salts (+)	0.5% (acid)	Not to be used in preparations for children under 3 years of age, except for shampoos	Not to be used for children under 3 years of age ⁽¹⁾
P 15	4	Sorbic acid (hexa-2,4-dienoic acid) and its salts (+)	0.6% (acid)		
P 39	5	Formaldehyde and para-formaldehyde (+)	0.2% (except for products for oral hygiene) 0.1% (products for oral hygiene) expressed as free formaldehyde	Prohibited in aerosol dispensers (sprays)	
P 47	7	Biphenyl-2-ol (o phenylphenol) and its salts (+)	0.2% expressed as phenol		
P 81	8	Pyrithione zinc (INN) (+)	0.5%	Authorized in products rinsed off, forbidden in products for oral hygiene	
P 51	9	Inorganic sulphites and hydrogensulphites (+)	0.2% expressed as free SO ₂		

⁽¹⁾ Solely for products which might be used for children under 3 years of age and which remain in prolonged contact with skin.

Colipa number	Reference number	Substance	Maximum authorised concentration	Limitations and requirements	Conditions of use and warnings which must be printed on the label
	a	b	c	d	e
P 66	10	Sodium iodate	0.1%	Rinse-off products only	
P 68	11	Chlorobutanol (INN)	0.5%	Prohibited in aerosol dispensers (sprays)	- Contains chlorobutanol
P 82	12	4-Hydroxybenzoic acid its salts and esters (+)	0.4% (acid) for 1 ester, 0.8% (acid) for mixtures of esters		
P 5	13	3-Acetyl-6-methylpyran-2,4 (3H)-dione (Dehydroacetic acid) and its salts	0.6% (acid)	Prohibited in aerosol dispensers (sprays)	
P 6	14	Formic acid and its sodium salt (+)	0.5% (expressed as acid)		
P 9	15	3,3'-Dibromo-4,4'-hexamethylene-dioxydibenzamidine (Dibromohexamidine) and its salts (including isethionate)	0.1%		
P 12	16	Thiomersal (INN)	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 and eye make-up remover only	- Contains thiomersal
P 48	17	Phenylmercuric salts (including borate)	Ditto	Ditto	- Contains Phenylmercuric compounds
P 16	18	Undec-10-enoic acid and salts (+)	0.2% (acid)		
P 20	19	Hexetidine (INN) (+)	0.1%		

Colipa number	Reference number	Substance	Maximum authorised concentration	Limitations and requirements	Conditions of use and warnings which must be printed on the label
	a	b	c	d	e
P 23	20	5-Bromo-5-nitro-1,3 dioxane	0.1%	Rinse-off products only Avoid formation of nitrosamines	
P 24	21	Bronopol (INN) (+)	0.1%	Avoid formation of nitrosamines	
P 74	22	2,4-Dichlorobenzyl alcohol (+)	0.15%		
P 29	23	Triclocarban (INN) (+)	0.2%	Purity criteria: 3,3',4,4'-Tetra-chloroazobenzene less than 1 ppm; 3,3',4,4'-Tetrachloroazoxybenzene less than 1 ppm	
P 30	24	4-Chloro-m-cresol (+)	0.2%	Prohibited in products intended to come into contact with mucous membranes	
P 32	25	Triclosan (INN) (+)	0.3 %		
P 37	26	4-Chloro-3,5-xylenol (+)	0.5 %		
P 43	27	3,3'-Bis(1-hydroxymethyl-2,5-dioximidazolidin-4-yl)-1,1'-methylenediurea ("Imidazolidinyl urea") (+)	0.6 %		
P 52	28	Poly(1-hexamethylenebiguanide hydrochloride (+)	0.3 %		
P 53	29	2-Phenoxyethanol (+)	1 %		

Colipa number	Reference number	Substance	Maximum authorised concentration	Limitations and requirements	Conditions of use and warnings which must be printed on the label
	a	b	c	d	e
P 55	30	Hexamethylenetetramine (+) (methenamine)(INN)	0.15 %		
P 63	31	Methenamine 3-chloroallylochloride (INNM)	0.2 %		
P 64	32	1-(4-Chlorophenoxy)-1-(imidazol-1-yl)3,3-dimethylbutan-2-one (+)	0.5 %		
P 65	33	1,3-Bis(hydroxymethyl)-5,5dimethylimidazolidine-2,4-dione (+)	0.6 %		
P 67	34	Benzyl alcohol (+)	1 %		
P 59	35	1-Hydroxy-4-methyl-6(2,4,4-trimethylpentyl)2-pyridon and its monoethanolamine salts (+)	1 % 0.5 %	Products rinsed-off For other products	
P 77	36	1,2-Dibromo-2,4-dicyanobutane (methyldibromo glutaronitrile)	0.1%	Rinse-off products only	
P 25	37	6,6-Dibromo-4,4-dichloro-2,2'-methylene-diphenol (Bromochlorophen) (+)	0.1%		
P 44	38	4-Isopropyl-m-cresol	0.1%		
P 56	39	Mixture of 5-Chloro-2-methyl-isothiazol-3(2H)-one and 2-Methyl-isothiazol-3(2H)-one with magnesium chloride and magnesium nitrate	0.0015% (of a mixture in the ratio 3:1 of 5-Chloro-2-methyl-isothiazol-3(2H)-one and 2 Methyl-isothiazol-3(2H)-one)		

Colipa number	Reference number	Substance	Maximum authorised concentration	Limitations and requirements	Conditions of use and warnings which must be printed on the label
	a	b	c	d	e
P 22	40	2-Benzyl-4-chlorophenol (Chlorophene)	0.2%		
P 27	41	2-Chloroacetamide	0.3%		Contains chloroacetamide
P 35	42	Chlorhexidine (INN) and its digluconate, diacetate and dihydrochloride (+)	0.3% expressed as chlorhexidine		
P 54	43	1-Phenoxypropan-2-ol	1.0 %	Only for rinse-off products	
P 72	44	Alkyl (C12 - C22) trimethyl ammonium, bromide and chloride (+)	0.1%		
P 75	45	4,4-Dimethyl-1,3-oxazolidine	0.1%	The pH of the finished product must not be lower than 6	
P 79	46	N-(Hydroxymethyl)-N-(dihydroxymethyl-1,3-dioxo-2,5 imidazolidinidyl-4)-N'-(hydroxymethyl) urea	0.5%		
P 8	47	1,6-Di(4 amidino-phenoxy)-N-hexane (Hexamidine) and its salts (including isethionate and p-hydroxy-benzoate (+)	0.1%		
P 76	48	Glutaraldehyde (Pentane-1,5-dial)	0.1%	Prohibited in aerosols (sprays)	- Contains glutaraldehyde (where glutar-aldehyde concentration in the finished product exceeds 0.05%)
P 90	49	5-Ethyl-3,7-dioxa-1-azabicyclo [3,3,0] octane	0.3%	Prohibited in oral hygiene products and in products intended to come into contact with mucous membranes	

Colipa number	Reference number	Substance	Maximum authorised concentration	Limitations and requirements	Conditions of use and warnings which must be printed on the label
	a	b	c	d	e
P 4	50	3-(p-Chlorophenoxy)-propane-1,2-diol (chlorphenesin)	0.3%		
P 84	51	Sodium hydroxymethyl-amino acetate (Sodium hydroxymethylglycinate)	0.5%		
P 93	52	Silver chloride deposited on Titanium dioxide	0.004% calculated as AgCl	20% AgCl (w/w) on TiO ₂ Prohibited in products for children under three years of age, in oral hygiene products and in products intended for application around the eyes and on the lips.	
P 70	53	Benzethonium chloride	0.1%	Rinse-off products only	
P 71	54	Benzalkonium chloride, bromide and saccharinate (+)	0.1% calculated as benzalkonium chloride		- Avoid contact with the eyes
P 21	55	Benzylhemiformal	0.15%	Only for products to be removed by rinsing	
P 91	56	3-Iodo-2-propynylbutylcarbamate	0.05%	1. Not to be used for oral hygiene and lipcare products 2. If the concentration in products intended to remain on the skin exceeds 0.02% add the phrase: Contains iodine	Contains iodine

ANNEX VI - PART 2

LIST OF PRESERVATIVES PROVISIONALLY ALLOWED

Colipa number	Reference number	Substance	Maximum authorised concentration	Limitations and requirements	Conditions of use and warnings which must be printed on the label	Allowed until
	a	b	c	d	e	f

Note : no substance is listed in this section for the present time.

ANNEX VII - PART 1

LIST OF UV FILTERS WHICH COSMETIC PRODUCTS MAY CONTAIN

For the purpose of this Directive, UV filters are substances which, contained in cosmetic sunscreen products, are specifically intended to filter certain UV rays in order to protect the skin from certain harmful effects of these rays.

These UV filters may be added to other cosmetic products within the limits and under the conditions laid down in this Annex.

Other UV filters used in cosmetic products solely for the purpose of protecting the product against UV rays are not included in this list.

PART 1

List of permitted UV filters which cosmetic products may contain

Colipa number	Reference number	Substance	Maximum authorised concentration	Limitations and requirements	Conditions of use and warnings which must be printed on the label
	a	b	c	d	e
S 1	1	4-Aminobenzoic acid	5%		
S 57	2	N,N,N-Trimethyl-4-(2-oxoborn-3-ylidene-methyl) anilinium methyl sulphate	6%		
S 12	3	Homosalate (INN)	10%		
S 38	4	Oxybenzone (INN)	10%		Contains oxybenzone ⁽¹⁾
S 45	6	2-Phenylbenzimidazole-5-sulphonic acid and its potassium, sodium and triethanolamine salts	8% (expressed as acid)		
S 71	7	3,3'-(1,4Phenylene-dimethylene) bis (7,7-dimethyl-2-oxo-bicyclo-[2,2,1] hept-1-ylmethane-sulphonic acid) and its salts	10% (expressed as acid)		

(1) Not required if concentration is 0.5% or less and when it is used only for product protection purposes.

Colipa number	Reference number	Substance	Maximum authorised concentration	Limitations and requirements	Conditions of use and warnings which must be printed on the label
	a	b	c	d	e
S 66	8	1-(4-Tert-butylphenyl)-3-(4-methoxyphenyl) propane-1,3-dione	5%		
S 59	9	alpha-(2-Oxoborn-3-ylidene) toluene-4-sulphonic acid and its salts	6% (expressed as acid)		
S 32	10	2-Cyano-3,3-diphenyl acrylic acid, 2-ethyl hexyl ester (Octocrylene)	10% (expressed as acid)		
S72	11	Polymer of N-{(2 and 4)-[(2-oxoborn-3-ylidene)methyl] benzyl} acrylamide	6%		
S 28	12	Octyl methoxycinnamate	10%		
S 3	13	Ethoxylated ethyl-4-amino-benzoate (PEG-25 PABA)	10%		
S 27	14	Isopentyl-4-methoxy cinnamate (Isoamyl p-methoxycinnamate)	10%		
S 69	15	2,4,6-Trianiino-(p-carbo-2'-ethylhexyl-1'-oxy)-1,3,5-triazine (Octyl Triazone)	5%		
S 73	16	Phenol,2-(2H-benzotriazol-2-yl)-4-methyl-6-(2-methyl-3-(1,3,3,3-tetramethyl-1-(trimethylsilyl)oxy)-disiloxanyl) propyl) (Drometrisole Trisiloxane)	15%		
S 78	17	Benzoic acid, 4,4-((6-(((1,1-dimethylethyl) amino carbonyl) phenyl amino)-1,3,5-triazine-2,4-diyl)diimino) bis-bis (2-ethylhexyl)ester)	10%		
S 60	18	3-(4'-Methylbenzylidene) -d-1 camphor (4-Methylbenzylidene Camphor)	4%		

Colipa number	Reference number	Substance	Maximum authorised concentration	Limitations and requirements	Conditions of use and warnings which must be printed on the label
	a	b	c	d	e
S 61	19	3-Benzylidene camphor (3-Benzylidene camphor)	2%		
S 13	20	2-Ethylhexyl salicylate (Octyl-salicylate)	5%		
S 8	21	4-Dimethyl-amino-benzoate of ethyl-2-hexyl (octyl dimethyl PABA)	8%		
S 40	22	2-Hydroxy-4-methoxybenzophenone-5-sulfonic acid (Benzophenone-4) and its sodium salt (Benzophenone-5)	5% (of acid)		
S 79	23	2,2'-Methylene-bis-6-(2H-benzotriazol-2-yl)-4-(tetramethyl-butyl)-1,1,3,3-phenol	10%		
S 80	24	Monosodium salt of 2,2'-bis-(1,4-phenylene) 1H-benzimidazole-4,6-disulphonic acid	10% (of acid)		
S 81	25	(1,3,5)-Triazine-2,4-bis((4-(2-ethyl-hexyloxy)-2-hydroxy)-phenyl)-6-(4-methoxyphenyl)	10%		
S 74	26	Dimethicodiethylbenzal-malonate (CAS No 207574-74-1)	10%		
S 75	27	Titanium dioxide	25%		

ANNEXVII - PART 2

LIST OF UV FILTERS WHICH COSMETIC PRODUCTS MAY PROVISIONALLY CONTAIN

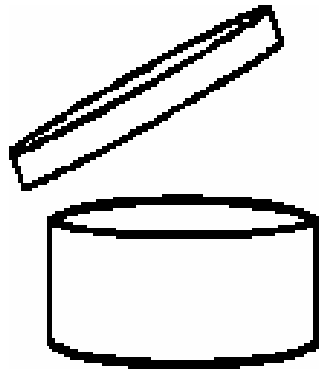
Colipa number	Reference number	Substance	Maximum authorised concentration	Limitations and requirements	Conditions of use and warnings which must be printed on the label	Allowed until
	a	b	c	d	e	f

Note: no substance is listed in this section for the present time.

ANNEX VIII ⁽¹⁾



ANNEX VIIIa ⁽²⁾



- (1) See article 6 (d) of Cosmetics Directive 76/768/EEC.
- (2) Symbol representing an open cream jar as provided for in Article 6(1)(c) of Council Directive 76/768/EEC. See Commission Directive 2003/80/EC of 5 September 2003, OJ L 224/27 of 6 September 2004 (OJ L 262, 27.9.1976, p. 169. Directive as last amended by Article 1(3) of Directive 2003/15/EC).

ANNEX IX

LIST OF VALIDATED ALTERNATIVE METHODS TO ANIMAL TESTING (1)

This Annex lists the alternative methods validated by European Centre on Validation of Alternative Methods (ECVAM) of the Joint Research Centre available to meet the requirements of this Directive and which are not listed in Annex V to Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances. As animal testing may not be replaced completely by an alternative method, it should be mentioned in Annex IX whether the alternative method fully or partially replaces animal testing.

Reference number	Validated alternative methods	Nature of replacement full or partial
A	B	C

(1) See Commission Directive 2004/94/EC of 15 September 2004, OJ L 294/28 of 17 September 2004.

THE EU COSMETICS DIRECTIVE
LIST OF OFFICIAL TEXTS OF THE DIRECTIVE AND ITS OFFICIAL AMENDMENTS
AND ADAPTATIONS TO TECHNICAL PROGRESS

Existing EEC	Reference number	Date of signature	EC Publication O. J.		CONTENT (main items)
			Number	Date	
Basic Council Directive	76/768/EEC	27.07.1976	L 262	27.09.1976	Articles 1 to 15 Ann. I : Illustrative list by category cosmetic products Ann. II : List of forbidden substances Ann. III : List of restricted substances, Positive List for cosmetic colorants permitted for all uses Ann. IV : List of restricted substances provisionally allowed List of cosmetic colorants Ann. V : List of substances regulated at national level by EC Member States
1 st amendment	79/661/EEC	24.07.1979	L 192	31.07.1979	Ann. IV : Provisional authorisations prolonged
1 st adapting Commission Directive	82/147/EEC	11.02.1982	L 63	06.03.1982	Ann. II : Ban AETT
2 nd amendment Council Dir.	82/368/EEC	17.05.1982	L 167	15.06.1982	Articles: - provisional authorisations - Ann. IV : prolonged - new procedure to adapt Annexes (Art. 8.2) - introduction procedure of Prior National Approval limited to 3 years (Art. 8.a) - Unavoidable traces of banned materials permitted (Art. 4.2) Ann. III : new version Part 1 Ann. III + IV new version PL cosmetic colorants Introduction Ann. VI : PL for preservatives
2 nd adapting Commission Directive	83/191/EEC	30.03.1983	L 109	26.04.1983	Ann. II, III, IV, V : - Ba/Sr/Zr lakes - Al/Zr complexes, silver nitrate
3 rd adapting Commission Directive	83/341/EEC	29.06.1983	L 188	13.07.1983	Ann. II, III, V : Hair Dyes - ban OPD + salts; 2,4 DAT + salts ; permanent listing PPD + salts
4 th adapting Commission Directive	83/496/EEC	22.09.1983	L 275	08.10.1983	Ann. VI : addition P75, P77
3 rd amendment Council Directive	83/574/EEC	26.10.1983	L 332	28.11.1983	Articles: new definition date minimum durability, period reduced to 30 months Introduction Ann. VII: PL for UV-Filters

Existing EEC Directive	Reference number	Date of signature	EC Publication O. J.		CONTENT (main items)
			Number	Date	
5 th adapting Commission Directive	84/415/EEC	18.07.1984	L 228	25.08.1984	Ann. II : ban aristolochic acid Ann. III : hydrogen peroxide, hydroquinone, nicomethanol hydrofluoride, silver nitrate
6 th adapting Commission Directive	85/391/EEC	16.07.1985	L 224	22.08.1985	Ann. II : ban specific hydroquinone ethers Ann. III : selenium disulfide; Al/Zr complexes Ann. VI : labelling formaldehyde
7 th adapting Commission Directive	86/179/EEC	28.02.1986	L 138	24.05.1986	Ann. II : ban chloroform, TCDD, dimethoxane(P1), sodium pyrithione (P49) Ann. III : DMET, 8-hydroxyquinoline Ann. III+IV : new version PL cosmetic colorants
8 th adapting Commission Directive	86/199/EEC	26.03.1986	L 149	03.06.1986	Ann. IV : introduction other uses P50, P54 Ann. VI : new version PL preservatives
9 th adapting Commission Directive	87/137/EEC	02.02.1987	L 56	26.02.1987	Ann. II : ban Captan (P 34), Hexachlorophene (P 42), Minoxidil Ann. III : Methanol, 77288 - 77289 Ann. VI : permanent: P 22 - not prolonged: P 19, P 60 - deleted: P 50
10 th adapting Commission Directive	88/233/EEC	02.03.1988	L 105	26.04.1988	Ann. II : ban tribromsalan; retinoic acid; phytolacca; 2,4-DAA; 2,5-DAA; 12140; 26105; 42555 Ann. III/1 : etidronic acid, phenoxypropanol (P 54) Ann. III/2 : delete 13065; add Acid Red 195 Ann. IV/2 : delete 12700; 44025; 73312 Ann. VI : - permanent: P27; P35; P54 - deleted: P17; P19; P20; P23; P45; P60
4 th amendment Council Directive	88/667/EEC	21.12.1988	L 382	31.12.1988	Articles: - Hair Dyes excluded from cosmetic colorants list - labelling inner + outer pack - elimination 6 week deadline in Safeguard Clause (Art. 12) Ann. III becomes only restrictive list Ann. IV becomes only cosmetic colorants PL
11 th adapting Commission Directive	89/174/EEC	21.02.1989	L 64	08.03.1989	Ann. II : ban Padimate A, benzoyl peroxide, 2A-4NP, 2A-5NP Ann. III/2 : add 8-OH-quinoline Ann. IV/2 : delete 15800, 19120, 20470, 21115, 42170, 45190, 47000, 73905, 75660 Ann. V : delete oestrogens Ann. VI : - P56 reduce concentration
5 th amend-ment Council Directive	89/679/EEC	21.12.1989	L 398	30.12.1989	Articles: - CATP procedure prolonged indefinitely
12 th adapting Commission Directive	90/121/EEC	20.02.1990	L 71	17.03.1990	Ann. II : ban steroid antiandrogens, zirconium compounds, thyrothricine, acetonitrile, tetrahydrozoline, 13065, 42535, 42640, 61554, Ann. III : lead acetate Ann. IV : - delete 21110, 42045, 44045 - add Solvent Yellow 98 (prov.) Ann. V : transfers to other Annexes Ann. VI : add P87 (prov.)

Existing EEC directive	Reference number	Date of signature	EC Publication O. J.		CONTENT (main items)
			Number	Date	
13 th adapting Commission Directive	91/184/EEC	12.03.1991	L 91	12.04.1991	Ann. II : ban 8-OH-quinoline, pyrrithione diS, lidocaine, 12075, 45170 Ann. III : add Mg fluoride Ann. IV : 15585 move to part 2 Ann. V : transfers to other Annexes Ann. VI : add P90 (prov.) Ann. VII : add S71
14 th adapting Commission Directive	92/8/EEC	18.02.1992	L 70	17.03.1992	Prolongation all provisionally listed substances until 30.06.1992
15 th adapting Commission Directive	92/86/EEC	21.10.1992	L 325	11.11.1992	Ann. II : ban 15585; Sr lactate; Sr nitrate; Sr polycarboxylate Pramocaine; 4-Ethoxy-MPD; 2,4-Diaminophenyl-Ethanol; catechol; pyrogallol; nitrosamines; secondary dialkanolamines Ann. III : - add Sr chloride, Sr acetate, talc, nitrosamine precursors - H ₂ O ₂ add oral hygiene Ann. III part 2 + Ann. IV part 2: nothing listed anymore Ann. VI : - P77 sunscreen use with limit - add P84, P91 (prov.) Ann. VII : delete S2, S6, S39
6 th amendment Council Dir.	93/35/EEC	14.06.1993	L 151	23.06.1993	Articles: - definition modified. - overall safety clause modified. - ban animal testing foreseen. - inventory cosmetic ingredients. - off-pack labelling in some cases. - labelling of product function. - ingredient labelling. - claims concerning animal testing. - requirement to Poison Centres modified. - Product Information required. - notification manufacturing premises. - all Annexes via CATP procedure. - new Annex VIII.
16 th adapting Commission Directive	93/47/EEC	22.06.1993	L 203	13.08.1993	Ann. II: ban 4 A-2NP Ann. III: - warning: gloves for hair dyes + H ₂ O ₂ - add (Part 2) Sr peroxide, phenolphthalein Ann. VII: - move S46 to prov.
17 th adapting Commission Directive	94/32/EEC	29.06.1994	L 181	15.07.1994	Ann. II: ban 2-Methyl-MPD Ann. III: - talc lab. baby prod. modified - add SrO ₂ , Sr(OH) ₂ Ann. VI: - add P6 sodium salt - P21 reduction conc. + RO only - permanent: P76, P90 - delete P87 Ann. VII: - remove aerosol restr. S71 - add S72 (prov) - delete S64
Commission Directive	95/17/EC	19.06.1995	L 140	23.06.1995	Confidentiality provision ingredient labelling (Art 6. 1. g.)

Existing EEC directive	Reference number	Date of signature	EC Publication O. J.		CONTENT (main items)
			Number	Date	
18th adapting Commission Directive	95/34/EC	10.07.1995	L 167	18.07.1995	Ann. II: - ban furocoumarines - ban musk ambrette - ban benzethonium chloride (P70) - ban cells, tissues, products of human origin - ban phenolphthalein Ann. VII/1: - add octocrylene (S32)
19th adapting Commission Directive	96/41/EC	25.06.1996	L 198	08.08.1996	Ann. II: - ban urocanic acid (S46) Ann. III: - add Ca(OH) ₂ and LiOH Ann. VI: - Part 1: add P93 Ann. VII: - Part 1: add S72
Commission Decision	96/335/EC	08.05.1996	L 132	01.06.1996	Inventory cosmetic ingredients (Art 5a)
20 th adapting Commission Directive	97/1/EC	10.01.1997	L 16	18.01.1997	Ann. II: - ban bovine, ovine and caprine tissues and fluids from encephalon, spinal cord and eyes, and derivatives
Commission Directive	97/18/EC	17.04.1997	L 114	01.05.1997	The ban on animal testing of cosmetic ingredients and their combinations is postponed until 30 June 2000.
21 st adapting Commission Directive	97/45/EC	14.07.1997	L 196	24.07.1997	Ann. II: - ban crude and refined coal tars Ann. VI/1: - add benzethonium chloride (P70) Ann. VII/1: - add octyl methoxycinnamate (S28)
22 nd adapting Commission Directive	98/16/EC	5.03.1998	L 77	14.03.1998	Ann. II: - amend ref. nb. 419 to exclude tallow derivatives produced according to certain conditions
23 rd adapting Commission Directive	98/62/EC	3.09.1998	L 253	15.09.1998	Ann. II: - ban of muskene and musk tibetene Ann. VI/1: - add benzalkonium chloride (P71) Ann. VII/1: - add S3, S8, S27, S60, S61, S69, S73, S78.
Communication	1999/C36		C36	10.02.1999	National competent authorities (Art.7a)
24 th adapting Commission Directive	00/6/EC	29.02.2000	L 56	01.03.2000	Ann. II: - 419 modify conditions hydrolysis Ann. III: - amend boric acid and tetraborates - Hydroquinone: delete the lightening use (ban) and reduce conc. to 0.3% in hair dyes - add Benzalkonium chloride Ann. VI: - P21: conc. increased to 0.15% - P91: conc. reduced + labelling Ann. VII: - add S79, S80, S81 - delete S16

Existing EEC directive	Reference number	Date of signature	EC Publication O. J.		CONTENT (main items)
			Number	Date	
25 th adapting Commission Directive	00/11/EC	10.03.2000	L 65	14.03.2000	Ann. II: delete, adapt and then add again twelve items following European court decision
26 th adapting Commission Directive	02/34/EC	15.04.2002	L 102	18.04.2002	Ann. II: - amend 293 and add from 423 to 451 Ann. III/1 - amend 8, 15b, 15c, 16 and add 66 Ann. III/2 - add from 1 to 62 Ann. VII: - add S74, S75
27 th adapting Commission Directive	2003/1/EC	06.01.2003	L 5	10.01.2003	Ann. II: - reference 419 amended to be in alignment with regulation EC/999/2001 laying down rules for the prevention and eradication of certain transmissible spongiform encephalopathies, as amended by EC/270/2002
7 th amendment Council Directive	2003/15/EC	27.02.2003	L 66	11.03.2003	Articles: - repeal of marketing ban provided for in 6 th Amendment (which entered into force on 30 June 2002) - ban on the animal-testing of ingredients and finished cosmetics in the EU to start immediately where alternative validated testing is available (with varying provisions depending on availability of alternative validated test methods) - ban on sales in the EU of such products - ban on substances classified as being carcinogenic, mutagenic or toxic for reproduction - labelling of information on allergens - labelling of "period after opening" durability - requirement to provide Public access to information (qualitative and quantitative composition of products and undesirable effects on human health) Ann. III/1: - Add 26 allergens
29 th adapting Commission Directive	2003/16/EC	19.02.2003	L 46	20.02.2003	Ann. III/2: - Musk xylene (61) and Musk ketone (62) prolongation to 30.09.2004
Commission Directive	2003/80/EC	05.09.2003	L224	06.09.2003	Ann. VIIIa: - symbol indicating the period after opening for which a cosmetic product can be used without harm to the consumer

Existing EEC Directive	Reference number	Date of signature	EC Publication O. J.		CONTENT (main items)
			Number	Date	
30th adapting Commission Directive	2003/83/EC	24.09.2003	L 238	25.09.2003	<p>Ann. II:</p> <ul style="list-style-type: none"> – 178: delete 4-methoxyphenol – delete reference 382 – 411: ban on secondary dialkanolamines is replaced with ban on secondary alkyl and alkanolamines and their salts <p>Ann. III:</p> <ul style="list-style-type: none"> – 14: add category of artificial nail systems to restrictions for use of hydroquinone – 60: add fatty acid dialkylamides and adapt restrictions accordingly – 61: replace monoalkanolamines with monoalkylamines, monoalkanolamines and their salts and adapt restrictions accordingly – 62: replace trialkanolamines with Trialkylamines, trialkanolamines and their salts and adapt restrictions accordingly – 93: add 2,4-Diamino-pyrimidine-3-oxide (CAS No 74638-76-9) – 94: add Benzoyl peroxide – 95: Hydroquinone methylether <p>Ann. VI:</p> <ul style="list-style-type: none"> – 36: add (methylidibromo glutaronitrile) to 1,2-Dibromo-2,4- dicyanobutane and change limitations to « rinse-off products only »
31st adapting Commission Directive	2004/87/EC	07.09.2004	L 287/4	08.09.2004	<p>Ann. III part 2: Postponement of substances in Annex III part 2 until 31.12.2005 (ref. numbers 1 to 60).</p>
32nd adapting Commission Directive	2004/88/EC	07.09.2004	L287/5	08.09.2004	<p>Ann. III part 1</p> <ul style="list-style-type: none"> – Ref. numbers 96 and 97 are added. <p>Ann. III part 2</p> <ul style="list-style-type: none"> – Ref. numbers 61 and 62 are deleted.

Existing EEC Directive	Reference number	Date of signature	EC Publication O. J.		CONTENT (main items)
			Number	Date	
Commission Directive	2004/94/EC	15.09.2004	L 294/28	17.09.2004	Addition of Ann. IX (empty).
33rd adapting Commission Directive	2004/93/EC	21.09.2004	L 300/13	25.09.2004	Ann. II and Ann. III part I are amended. CMR Directive, implementing Article 4b of revised Cosmetics Directive.

COSMETICS EUROPE IS THE EUROPEAN TRADE
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COSMETICS, TOILETRY AND PERFUMERY INDUSTRY

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