



GROWTH

Internal Market, Industry, Entrepreneurship and SMEs

CosIng

*Public web application for searching and consulting
the EU cosmetic ingredient and substance database*

[User's Guide]

Last updated on 27 November 2018

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Introduction

Overview



This User's Guide explains how to use *CosIng*, the online consultation tool of the European Commission describing cosmetic ingredients contained in:

- [Cosmetics Regulation \(EC\) No 1223/2009](#) of the European Parliament and of the Council;
- the [Inventory of Cosmetic Ingredients](#), as amended by [Decision 2006/257/EC](#) establishing a common nomenclature of ingredients employed for labelling cosmetic products throughout the EU; and
- [opinions on cosmetic ingredients](#) of the Scientific Committee on Consumer Safety.

CosIng also allows for search for the relevant CAS, ELINCS or EINECS numbers.

CosIng includes all data since the adoption of the Cosmetics Directive in 1976. However, references to scientific opinions of the Scientific Committee on Consumer Safety are restricted to those published on the Internet.

Disclaimer

The Institutions do not assume any liability for the content of this database. Only information provided by [Cosmetics Regulation \(EC\) No 1223/2009](#), and its amendments, have a legal value.

*In particular, **cross-references between substances (listed in regulations) and ingredients (listed in the inventory) are not binding.***

Ingredients listed in the inventory do not represent a positive list of substances which can be used in cosmetic products.

For the purpose of cross-references between substances (listed in regulations) and ingredients (listed in the inventory), the definitions of “esters” and “salts” as mentioned in Annex V Preamble of the Cosmetics Regulation were used, except otherwise specified in the entries or Annexes:

– ‘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”.

Accessing CosIng

The online *CosIng* consultation tool is a Web application that is available to the general public worldwide.

◆ To start CosIng

1. Start your web browser.
2. Type the following URL in the address bar:

<http://www.ec.europa.eu/growth/tools-databases/cosing/>.

Result: You are connected to the central database, ready to work with *CosIng*. The main page briefly introduces the application and the related legislations:

The screenshot shows the CosIng Home page. At the top, there is a header with the European Commission logo and the text 'GROWTH Internal Market, Industry, Entrepreneurship and SMEs'. Below this is a navigation bar with links to 'Single Market and Standards', 'Industry', 'Entrepreneurship and SMEs', 'Access to finance for SMEs', and 'Sectors'. The main content area is titled 'CosIng' and contains the following text:

CosIng is the European Commission database for information on cosmetic substances and ingredients contained in the:

- [Cosmetics Regulation \(EC\) No 1223/2009](#) of the European Parliament and of the Council;
- [Inventory of Cosmetic Ingredients](#) as amended by [Decision 2006/257/EC](#) establishing a common nomenclature of ingredients employed for labelling cosmetic products throughout the EU
- [Opinions on cosmetic ingredients of the Scientific Committee for Consumer Safety \(List of SCCS opinions published on the internet\)](#).

CAS, ELINCS or EINECS numbers can be searched for in CosIng.

Current data is listed as "active", while historical data is listed as "not active".

You can find more information about INCI-names in the [Personal Care Products Council website](#).

[Search in the CosIng database](#)

Important notice

Please note that ingredient assigned with an INCI name that appears in the inventory section of CosIng does not mean it is to be used in cosmetic products nor approved for such use.

Concerning ingredients used in cosmetic products as colorants, preservatives and UV filters, only those authorised in Annexes IV, V, respectively VI to Cosmetic Regulation No 1223/2009 are listed in CosIng

CosIng may also list ingredients known to be used in medicinal products.

If, due to such ingredients, a product restores, corrects, or modifies physiological functions by exerting a pharmacological, immunological or metabolic action, the product shall be qualified as a medicinal product. However, products that, while having an effect on the human body, do not significantly affect the metabolism and thus do not strictly modify the way in which it functions, may be qualified as cosmetic products.

The qualification of a product is to be decided by the national competent authorities, under the supervision of the courts, on a case-by-case basis, taking into account all the characteristics of the product.

In addition, the use of any ingredient in cosmetic products must be supported by a safety assessment of the product.

Figure 1 – CosIng Home page

Searching & Consulting the Database

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Different search and consultation options are available for searching the cosmetic database and displaying or downloading specific information.

These include:

| MENU | DESCRIPTION |
|------------------------|--|
| SEARCH: | |
| Simple Search | Look for cosmetic ingredients based on their Substance names, INCI names, INN names, chemical/IUPAC names, CAS or EC numbers, scope and/or status. |
| Advanced Search | Combine the above criteria with other, more extended search criteria like INN names, Ph. Eur. Name , chemical/IUPAC name, restriction, function, reference number, regulation/directive reference and/or publication date. |
| REFERENCE DATA: | |
| Regulations | List of European regulations amending the Cosmetics Regulation. |
| Annexes | List of annexes to the Cosmetics Regulation. |
| Functions | List and definitions of possible functions of ingredients used in cosmetic products as provided in the inventory. |
| Abbreviations | List of standard abbreviations used in the INCI names |
| USER MANUAL: | This User's Guide. |

General Conventions

Ingredients are laid down in capital letters and cover entries under the inventory.

Substances are laid down in small letters and cover entries under the Annexes of the Cosmetics Regulation.

Status:

– 'Active' describes the current regulation of substances under the Cosmetics Regulation and the current description of ingredients under the inventory.

– 'Not active' describes the past regulation of substances under the Cosmetics Regulation and the past description of ingredients under the inventory.

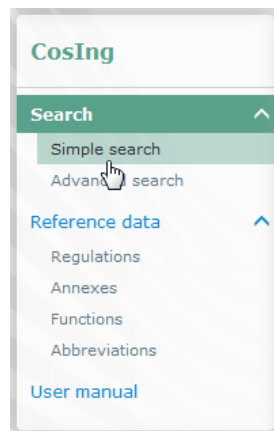
The last version describes the active status and other versions the respective disabled status.

Performing a Simple Search

The Simple Search features allows you to look for cosmetic ingredients based on their Substance names (e.g. INCI names, INN name, Ph. Eur. name, chemical/IUPAC name) or CAS or EC numbers, their Scope and/or Status.

◆ To perform a simple search

1. Click the **Simple search** hyperlink in the **Search** menu:



Result: The *Simple Search* section appears at the bottom of the page in the central panel:

CosIng allows also users to search for relevant CAS and EC numbers.

The current data in the database can be found under the default status as "active", the status "not active".

Version EC Regulation

Name ⓘ or

CAS/EC #

Scope

Status

Figure 2 – Simple Search section

2. Complete the *Simple Search* section as follows:

- Version** The legal source where the searched ingredient or substance is referred to EC Regulation. (Read-only).
- Name or CAS/EC #** Substance/ingredient identification i.e. either:
 - the substance/ingredient Name (i.e. common substance name, [INCI](#) name, [INN](#) name, [Ph. Eur.](#) name or Chemical/IUPAC name),
 - Or
 - its [CAS](#) or EC number.
- Scope** Indicates whether the searched ingredient or substance is listed under the Inventory or listed under the Cosmetics Regulation as 'Banned' or 'Restricted' for use, or as an authorised 'Colouring agent', 'Preservative' or 'UV Filter'.
- Status** Indicates whether the search concerns current information about a searched ingredient or substance (i.e. 'Active' status) or past/historical information (i.e. 'Not Active' status).

3. Click **Search**.

Result: **i)** If you have completed the **Name or CAS/EC #** search box at step 2 above, the search result page will look like this.
 → You can click on one of the items in the list to view the corresponding details:

Items in UPPER CASE in the list are ingredients; items in lower case are substances

Items preceded by (*) are substances or ingredients which have NOT been published in the annexes of the EC Regulation in the related Official Journal

Click an ingredient or a substance in the list to display its details

Click this icon on the ingredient/substance detail page to open or save the selected ingredient or substance details as a printer-friendly PDF document

The screenshot shows the 'Search Results' page for 'dopamine'. The search criteria are: Name or CAS/EC #: dopamine, Version: EC Regulation, Scope: All, Status: Active. The results table lists 6 items, with 'N-CAPROYL DOPAMINE' (item 4) selected. The detailed view for 'N-CAPROYL DOPAMINE' includes:

- INCI Name: N-CAPROYL DOPAMINE
- Description: N-Caproyl Dopamine is the organic compound
- Chemical structure: CCCCCCCC(=O)Nc1ccc(O)c(O)c1
- INN Name: [Blank]
- Ph. Eur. Name: [Blank]
- CAS #: 930050-18-3
- EC #: [Blank]
- Chemical/IUPAC Name: Hexanamide, N-[2-(3,4-dihydroxyphenyl)ethyl]-
- Cosmetic Restriction: [Blank]
- Other Restriction(s): [Blank]
- Functions:
 - ANTIOXIDANT
 - SKIN PROTECTING
- SCCS opinions: Identified INGREDIENTS or substances e.g.

Figure 3 – Simple Search results and details

→ You can further view/save a PDF of the ingredient or substance details by clicking the at the top right of the detail page.

- ii) If you have completed only the **Scope** search box at step 2, the search result page will look a bit different. It will list the corresponding substances/ingredients exactly as published in the Official Journal. For example, if you have selected 'Restricted (Annex III)' as search criterion in the **Scope** box, the search result page will look as illustrated below:



To open/save the displayed list in PDF, XLS or CSV format, click the related icon at the top of the page.

The screenshot shows the COSING database interface. The main heading is "Annex III" with icons for PDF, XLS, and CSV. Below it is the title "LIST OF SUBSTANCES WHICH COSMETIC PRODUCTS MUST NOT CONTAIN EXCEPT SUBJECT TO THE RESTRICTIONS LAID DOWN". A table lists 295 substances, with the first few rows visible:

| Ref. | Substance identification | | | | Restrictions | |
|------|--|--------------------------------------|-------------------------|-----------------------|--|---|
| | Chemical name / INN | Name of Common Ingredients Glossary | CAS Number | EC Number | Product Type, body parts | Maximum concentration in ready for use preparation |
| 1a | Boric acid, borates and tetraborates with the exception of substance no 1184 in Annex II | BORIC ACID | 10043-35-3 / 11113-50-1 | 233-139-2 / 234-343-4 | (a) Talc (b) Oral products (c) Other products (excluding bath products and hair waving products) | (a) 5% (as boric acid) (b) 0.1% (as boric acid) (c) 3% (as boric acid) |
| 1b | Tetraborates, see also 1a) | | | | (a) Bath products (b) Hair products | (a) 18% (as boric acid) (b) 8% (as boric acid) |
| 2a | Thioglycolic acid and its salts | THIOGLYCOLIC ACID | 68-11-1 | 200-677-4 | (a) Hair products (b) Depilatories (c) Hair rinse-off products | (a) 8% (b) 11% (c) 5% (c) 2% The abovementioned percentages are calculated as thioglycolic acid |
| 2b | Thioglycolic acid esters | | | | Hair waving or straightening products | (a) 8% (b) 11% The abovementioned percentages are calculated as thioglycolic acid |
| 3 | Oxalic acid, its esters and alkaline salts | OXALIC ACID | 144-62-7 | 205-634-3 | Hair products | 5% |
| 4 | Ammonia | AMMONIA | 7664-41-7 / 1336-21-6 | 231-635-3 / 215-647-6 | | 6% (as NH3) |
| 5 | Tosylchloramide sodium (INN) | CHLORAMINE-T | 127-65-1 | 204-854-7 | | 0.2% |
| 6 | Chlorates of alkali metals | POTASSIUM CHLORATE / SODIUM CHLORATE | 3811-04-9 / 7775-09-9 | 223-289-7 / 231-887-4 | (a) Toothpaste (b) Other products | (a) 5% (b) 3% |

Figure 4 – Result of a Simple Search for restricted substances/ingredients

- Click on one of the items in the list to view the corresponding details.
- To open/save the displayed details, click the icon at the top right of the page and decide whether to open the PDF or to save it:

PDF Reader

Adobe® Reader 6.0 or later must be installed on your computer in order to view PDF files. If this program is not available on your computer, you can download the latest version from the Adobe web site at <https://get.adobe.com/uk/reader>

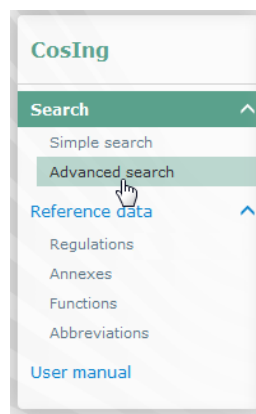
The screenshot shows the details for the ingredient "N-CYCLOHEXANOYL DOPAMINE". It includes the INCI Name, Description, and a chemical structure diagram. A file opening dialog box is overlaid on the page, showing the file "COSING_Ingredient.pdf" and options to "Open with Adobe Reader (default)", "Save File", or "Do this automatically for files like this from now on". A green arrow points to the PDF icon in the top right corner of the page.

Performing an Advanced Search

The Advanced Search features allows you to extend the basic search criteria with advanced ones, including: [Ph. Eur. Name](#), restriction and function for *ingredients* in the inventory, reference number, regulation reference and/or publication date for *substances* under the Cosmetics Regulation.

◆ To perform an advanced search

1. Select **Search > Advanced search** in the left-hand side menu bar:



Result: the *Advanced search* page appears:

 A screenshot of the 'Advanced search' page. The page has a title 'Advanced search' and is divided into three main sections: 'Common', 'Ingredients', and 'Substances'. Each section contains various search criteria and input fields.

| Common | |
|-----------------------------|--|
| Version | EC Regulation |
| INCI/Substance name | <input type="text"/> |
| CAS # <i>i</i> | <input type="text"/> |
| EINECS/ELINCS/EC # <i>i</i> | <input type="text"/> |
| INN Name | <input type="text"/> |
| Chemical/IUPAC Name | <input type="text"/> |
| Other Regulation | <input type="text" value="Any"/> |
| Other Restriction | <input type="text"/> |
| SCCS Opinion | <input type="text"/> |
| Status | <input type="text" value="Active"/> |
| Type | <input type="checkbox"/> Ingredient <input type="checkbox"/> Substance |
| Ingredients <i>i</i> | |
| Description | <input type="text"/> |
| Ph. Eur. Name | <input type="text"/> |
| Cosmetic Restriction | <input type="text"/> |
| Function | <input type="text" value="Any"/> |
| Proposed | <input type="checkbox"/> |
| Substances <i>i</i> | |
| Cosmetic Regulation | <input type="text" value="Any"/> |
| Annex | <input type="text" value="Any"/> |
| # | <input type="text"/> |
| Publication date | <input type="text" value="dd/"/> |

At the bottom of the form are two buttons: 'Search' and 'Clear'.

Figure 5 – Advanced Search

2. Complete the *Advanced search* page as follows:**Common***(i.e. search fields available to both ingredients and substances searches):*

| | |
|------------------------------|--|
| Version | The legal source where the searched ingredient or substance is referred to EC Regulation. (Read-only). |
| INCI/Substance name | The INCI or chemical name of the searched ingredient or substance. |
| CAS # | The CAS number of the searched ingredient or substance. |
| EINECS /ELINCS / EC # | The EINECS , ELINCS or EC number of the searched ingredient or substance. |
| INN Name | The INN name of the searched ingredient or substance. |
| Chemical /IUPAC Name | The chemical name, or name of the ingredient/substance according to the terminology created by the IUPAC (International Union of Pure and Applied Chemistry). |
| Other Regulation | <p>If the searched ingredient/substance falls under another directive or regulation than the 'Cosmetics Regulation' 1223/2009, you can select the relevant legal source here:</p> <p>1272 / 2008 European Regulation (EC) 1272 / 2008 on classification, labelling and packaging of substances and mixtures came into force on 20 January 2009 in all EU Member States. Commonly known as 'the CLP Regulation'.</p> <p>552 / 2009 Commission Regulation (EC) No 552/2009 of 22 June 2009 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards Annex XVII.</p> <p>790 / 2009 Regulation (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.</p> <p>1005 / 2009 Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer controls the production, importation, exportation, placing on the market, use, recovery, recycling and reclamation and destruction of substances that harm the ozone layer.</p> |
| Other Restriction | <p>If any restrictions, not specifically limited to the cosmetic use of the searched ingredient or substance, are laid down in a legal source, you can specify this here (provided this information is also mentioned for the searched ingredient or substance in the Database).</p> <p>For example, Commission Regulation (EC) No 552/2009 specifies that <i>benzene</i> shall not be placed on the market, or used, as a substance nor as a constituent of other substances, or in mixtures, in</p> |

No matching results?

Please note that not all of these characteristics are necessarily recorded for all products in the database. Your search will yield no result if you try to find a product based on a missing characteristic. If a search on a specific characteristic, e.g. its EINECS or ELINCS number, does not return the expected result, it is always advisable to try using another search criterion.

concentrations equal to, or greater than 0,1 % by weight.
→ You can enter this condition here, or just part of this whole restriction, like 'constituent of other substances'.

SCCS Opinion

The reference or (part of the) title of an opinion by the Scientific Committee on Consumer Safety about the searched ingredient or substance.

For example:

- 1506/13
- dialkanolamines
- Disperse Violet

Status

Indicates whether the search concerns current information about a searched ingredient or substance (i.e. 'Active' status) or past/historical information (i.e. 'Not Active' status).

Type

Select the appropriate check box if you want to limit the search to ingredients only, or to substances only.

Ingredients

(i.e. search fields enabled only when searching ingredients (i.e. if you have selected 'Ingredient' as single Type above)

Description

The official description of the searched ingredients, or any part of the description.

For example, if the official description of the ingredient known as 'Activated clay' is 'The inorganic compound obtained by heating natural aluminum silicate with sulfuric acid', you can search on any part of this text e.g. 'natural aluminum silicate' or 'sulfuric acid'.

Ph. Eur. Name

The [Ph. Eur. Name](#) of the searched ingredient, or any part of that name.

Cosmetic Restriction

If cosmetic-specific restrictions are mentioned on the marketing or use of the searched ingredient in the 'Cosmetics Regulation' [1223/2009](#) or another legal source, you can search on the related annex reference.

Function

The usual function of the ingredient as used in cosmetic products.

Proposed

Check this box if you want to limit the search to proposed ingredient updates for the Inventory.

Substances

(i.e. search fields enabled only when searching substances (i.e. if you have selected 'Substance' as single Type above)

Cosmetic Regulation

The reference of the regulation that mentions the searched substance.

Annex

If known, use the selection box to specify the specific annex of the regulation that mentions the searched substance.

#

The reference number assigned to the searched substance in the related Annex Part.

For example, if Methanol is mentioned with Reference number 52 in ANNEX III of the 'Cosmetics Regulation' [1223/2009](#) (List of substances which cosmetic products must not contain except subject to the restrictions laid down), you can type '52' here, or complete all connected

3 boxes as follows:

| | |
|---------------------|---------------------|
| Cosmetic Regulation | (EC) No 1223/2009 ▼ |
| Annex | III ▼ |
| # | 52 |

Publication date

The date of publication of the substance-related information in the Official Journal.

3. Click **Search**.

Result: The matching ingredients/substances are displayed. You can click on one of these to view the corresponding details:

Click an ingredient or a substance in the list to display its details

Search Results

Search Criteria: INCI/Substance name: benzene | Type: Substance | Annex: II | SCCS Opinion: Cancer risk | Status: Active | Regulation: (EC) No 1223/2009


| # | INCI Name/Substance Name | CAS No. | EC No. | Restriction/Annex/Ref # | Total: 10 |
|----|---|-----------|-----------|-------------------------|-----------|
| 1. | 1-Methyl-2,4,5-trihydroxybenzene and its salts, when used as a substance in hair dye products | 1124-09-0 | 214-390-7 | II/1244 | |
| 2. | 1,3,5-Trihydroxybenzene (Phloroglucinol) and its salts, when used as a substance in hair dye products | 108-73-6 | 203-611-2 | II/1253 | |
| 3. | 1,2,4-Benzenetriacetate and its salts, when used in hair dye products | 613-03-6 | 210-327-2 | II/1254 | |
| 4. | Ethoxybenzene and its salts, when used in hair dye products with nitro-1,4-benzenes and its salts | | | | |
| 5. | 4-Aminobenzoic acid and its salts | | | | |
| 6. | 3,3'-(Sulfonaphthylene)bis(phenylamine) and its salts | | | | |
| 7. | 2,2'-(1,2-Ethoxyethane)bis(phenylamine) and its salts | | | | |
| 8. | Benzenesulfonyl chloride and its salts | | | | |
| 9. | 1,3-Benzenedithiolane | | | | |

Substance : 1,3,5-Trihydroxybenzene (Phloroglucinol) and its salts, when used as a substance in hair dye products

| | |
|---|--|
| Substance | 1,3,5-Trihydroxybenzene (Phloroglucinol) and its salts, when used as a substance in hair dye products |
| CAS # | 108-73-6 |
| EC # | 203-611-2 |
| INN/ISO/AN | |
| Regulation | (EC) No 1223/2009 |
| Regulated By | 2007/54/EC |
| Other Directives/Regulations | |
| Annex/Ref # | II/1253 |
| SCCS opinions | <ul style="list-style-type: none"> 0484/01 - Opinion on the Use of Permanent Hair Dyes and Bladder Cancer Risk 0553/02 - Assessment Strategies for Hair Dyes 0797/04 - Opinion concerning Use of Permanent Hair Dyes and Bladder Cancer - Updated 2004 0807/04 - Opinion concerning Hair Dyes without File submitted 0930/05 - Opinion on Personal Use of Hair Dyes and Cancer Risk |
| Chemical/IUPAC Name | |
| Identified INGREDIENTS or substances e.g. | <ul style="list-style-type: none"> PHLOROGLUCINOL |
| Note | |
| Current Version | v.1 |

[Back to List](#)

Figure 6 – Result of an Advanced Search

4. You can further open/save the displayed details, click the  icon at the top right of the page and decide whether to open the PDF or to save it.

Note that an additional option to download the full search result list is available at the top of the result list if you have performed a search on an **Annex** only.

Consulting Proposed Updates

The **Proposed updates for the Inventory** hyperlink gives direct access to the latest list of proposed changes submitted in the Inventory.

The aim is to make proposed changes to the Inventory available for public review and comments prior to final publishing.

◆ **To consult proposed updates**

1. Select **Search>Simple search** in the left-handside menu bar.
2. Select the **Proposed updates for the Inventory** hyperlink in the lower section under the Simple Search section:

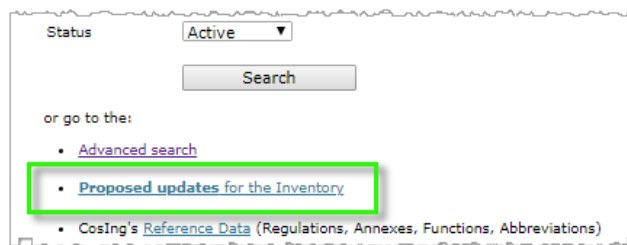



Figure 7 – 'Proposed updates for the Inventory' hyperlink

Result: This opens a list of proposed Inventory updates for products under the Cosmetic Regulation, with options to consult the updates of products under the Cosmetics Regulation, to view/download the content in PDF format and to view the details of each listed ingredient/substance:

Click  to view or download the list as a PDF

The screenshot shows the 'Proposed updates for the Inventory' page. On the left is a navigation menu with 'Search' selected, containing 'Simple search', 'Advanced search', 'Reference data', 'Regulations', 'Annexes', 'Functions', 'Abbreviations', and 'User manual'. Below that are 'Cosmetics - links' including 'News', 'Events', 'Contracts and grants', 'Public consultations', and 'Publications'. The main content area displays a table with the following data:

| INCI name | CAS No | EC No. | Chem / IUPAC Name / Description | Restriction | Function |
|--|--------|--------|--|-------------|--|
| BACILLUS/ MONASCUS/ ABELMOSCHUS ESCULENTUS SPROUT/ RICE BRAN FERMENT FILTRATE/ | | | rice bran ferment filtrate is a filtrate of the product obtained by the fermentation of the sprouts of abelmoschus esculentus and oryza sativa (rice) bran by the microorganisms, bacillus and monascus. / | | antiseborrhoeic, humectant, skin conditioning, stabilising |
| BACILLUS/ MONASCUS/ APHANIZOMENON FLOS-AQUAE/ RICE BRAN FERMENT FILTRATE/ | | | rice bran ferment filtrate is a filtrate of the product obtained by the fermentation of aphanizomenon flos-aquae and oryza sativa (rice) bran by the microorganisms, bacillus and monascus. / | | hair conditioning, humectant, skin conditioning, skin protecting |
| BACILLUS/ MONASCUS/ CAVIAR/ RICE BRAN FERMENT FILTRATE/ | | | rice bran ferment filtrate is a filtrate of the product obtained by the fermentation of caviar and oryza sativa (rice) bran by the microorganisms, bacillus and monascus. / | | emollient, humectant, skin conditioning, skin protecting |

Click an item in the list to view its details

Figure 8 – List of proposed updates (Inventory)

Obtaining Exports of the Ingredient Inventory

Performing a Simple Search with 'Inventory' selected as single search criterion will display a complete, up-to-date and unfiltered list of ingredients in the Inventory. Following an overnight process, the Inventory details are automatically exported to a PDF, an XLS and a CSV file on a daily basis (normally). The resulting files are available for view, print and download.

Please be aware that the export files do not provide a to-the-minute picture of the Inventory, as they are always generated at least one day before the online Inventory display. The date of last export is indicated in the PDF.

◆ To obtain an export of the Inventory

1. Select the **Simple Search** option in the **Search** menu.
2. Complete ONLY the **Scope** selection box: select **Inventory (ingredient & fragrance)**.
3. Click **Search**:

The screenshot shows a search form with the following fields and values:

- Version: EC Regulation
- Name: or
- CAS/EC #:
- Scope: **Inventory (ingredient & fragrance)** (selected from a dropdown)
- Status: **Active** (selected from a dropdown)
- Search button:

Figure 9 – Search criteria for displaying the full Inventory

Result: This will display Page 1 of the complete Inventory:

The screenshot shows the CosIng website interface with the following table of ingredients:

| INCI name | CAS No. | EC No. | Chem / IUPAC Name / Description | Restriction | Function |
|--|---------|--------|---|-------------|--|
| GOSYPIUM | 8001- | 232- | gossypium | | skin conditioning |
| HIRSUTUM | 29-4 | 280-7 | hirsutum | | seed conditioning |
| SEED | | | seed | | extract |
| EXTRACT | | | extract | | is the extract of the seeds of gossypium hirsutum malvaceae. |
| ISOCTANOYL TETRAPEPTIDE-25 | - | - | isooctanoyl tetrapeptide-25 is the product obtained by the reaction of tetrapeptide-25 with a branched chain octanoic acid. - | | skin conditioning |
| LACTOBACILLUS/GERMINATED SOYBEAN FERMENT FILTRATE/ | | | lactobacillus/germinated soybean ferment filtrate is a filtrate of the product obtained by the fermentation of germinated soybeans (glycine max.) by the microorganism, lactobacillus. / | | antiseborrheic, skin conditioning |
| NONAPEPTIDE-11 | | | | | antiseborrheic, skin conditioning |
| ANGELICA ACUTILOBA/ | | | (angelica acutiloba/ | | |




Figure 10 – Up-to-date view of the Ingredient Inventory

The date when the PDF, XLS and CSV files were last generated is mentioned in the PDF that appears when you hover with the mouse over the related icon:

Ingredients/Fragrance Inventory, Last update: 14/11/2017

File creation date: 27/11/2018

| INCI name | INN name | Ph. Eur. Name | CAS No | EC No | Chem/IUPAC Name / Description | Restriction | Function | Update Date |
|--|----------|---------------|-----------|-----------|---|-------------|---|-------------|
| GOSSYPOLIUM HIRSUTUM SEED EXTRACT | | | 8001-29-4 | 232-280-7 | Gossypium Hirsutum Seed Extract is the extract of the seeds of Gossypium hirsutum, Malvaceae. | | SKIN CONDITIONING | 21/04/2016 |
| ISOOCETANOYL TETRAPEPTIDE-25 | | | - | - | Isoocetanyl Tetrapeptide-25 is the product obtained by the reaction of Tetrapeptide-25 with a branched chain octanoic acid. | | SKIN CONDITIONING | 14/05/2014 |
| LACTOBACILLUS/GERMINATED SOYBEAN FERMENT FILTRATE | | | | | Lactobacillus/Germinated Soybean Ferment Filtrate is a filtrate of the product obtained by the fermentation of germinated soybeans (Glycine max) by the microorganism, Lactobacillus. | | | 21/04/2016 |
| NONAPEPTIDE-11 | | | | | | | ANTISEBORRHOIC, SKIN CONDITIONING | 21/04/2016 |
| (ANGELICA ACUTILOBA/PAEONIA LACTIFLORA/REHMANNIA GLUTINOSA/SCUTELLARIA BAICALENSIS) ROOT/(CNIDIUM OFFICINALE/COPTIS CHINENSIS) RHIZOME/GARDENIA JASMINOIDES FRUIT/PHILODENDRON CHINENSE BARK EXTRACT | | | | | (Angelica Acutiloba/Paeonia Lactiflora/Rehmannia Glutinosa/Scutellaria Baicalensis) Root/(Cnidium Officinale/Coptis Chinensis) Rhizome/Gardenia Jasminoides Fruit/Phellodendron Chinese Bark Extract is the extract of the roots of Angelica acutiloba , Paeonia lactiflora , Rehmannia glutinosa , Scutellaria baicalensis ; the rhizomes of Cnidium officinale and Coptis chinensis ; the fruit of Gardenia jasminoides and the bark of Phellodendron chinense. | | | 21/04/2016 |
| (ANGELICA GIGAS/GLYCYRRHIZA URALENSIS/REHMANNIA GLUTINOSA ROOT)/ANGELICA GIGAS STEM/CARTHAMUS TINCTORIUS FLOWER/(CARTHAMUS TINCTORIUS/PRUNUS PERSICA SEED)/PORIA COCOS WATER | | | | | (Angelica Gigas/Glycyrrhiza Uralensis/Rehmannia Glutinosa Root)/Angelica Gigas Stem/Carthamus Tinctorius Flower/(Carthamus Tinctorius/Prunus Persica Seed)/Poria Cocos Water is the aqueous solution of the steam distillates obtained from the roots of Angelica gigas, Glycyrrhiza uralensis, and Rehmannia glutinosa ; the stems of Angelica gigas ; the flowers of Carthamus tinctorius ; the seeds of Carthamus tinctorius, and Prunus persica, and the fungus, Poria cocos. | | HUMECTANT, SKIN CONDITIONING, SKIN PROTECTING | 21/04/2016 |
| (CARTHAMUS TINCTORIUS/CHAMOMILLA | | | | | (Carthamus Tinctorius/Chamomilla | | | 21/04/2016 |

- Click the  icon to view the ingredient Inventory in PDF format.
Or
Click the  icon to view the ingredient Inventory in XLS format.
Or
Click the  icon to view the ingredient Inventory in CSV (comma-separated value) format.

About Unpublished Substances

Not all substances in the *CosIng* database have been published in Official Journal of the European Union. Names of unpublished are indicated by a red star when displayed in lists:

Red asterisks in displayed lists indicate substances which have not been published in the O.J.

Search Results

Name or CAS/EC # Version EC Regulation
 Scope Status

| (*) Not in the annexes of the Regulation as published in the Official Journal of the European Union | | | | | Total: 61 |
|---|--|---|---|-------------------------|-----------|
| # | INCI Name/Substance Name | CAS No. | EC No. | Restriction/Annex/Ref # | |
| (*) 1. | Carbonic acid, nickel salt | 16337-84-1 | 240-408-8 | II/1060 | |
| (*) 2. | cobalt lithium nickel oxide | - | 442-750-5 | Article 15/CMR | |
| (*) 3. | cobalt nickel gray periclase; CI Pigment Black 25; CI 77332 [1]; cobalt nickel dioxide [2]; cobalt nickel oxide [3] | 68186-89-0 [1] / 58591-45-0 [2] / 12737-30-3 [3] | 269-051-6 [1] / 261-346-8 [2] / - | Article 15/CMR | |
| (*) 4. | dialuminium nickel tetraoxide [1]; nickel titanium trioxide [2]; nickel titanium oxide [3]; nickel divanadium hexaoxide [4]; cobalt dimolybdenum nickel octaoxide [5]; nickel zirconium trioxide [6]; molybdenum nickel tetraoxide [7]; nickel tungsten tetraoxide [8]; olivine, nickel green [9]; lithium nickel dioxide [10]; molybdenum nickel oxide [11] | 12004-35-2 [1] / 12035-39-1 [2] / 12653-76-8 [3] / 52502-12-2 [4] / 68016-035 [5] / 70692-93-2 [6] / 14177-55-0 [7] / 14177-51-6 [8] / 68515-84-4 [9] / 12031-65-1 [10] / 12673-58-4 [11] | 234-454-8 [1] / 234-825-4 [2] / 235-752-0 [3] / 257-970-5 [4] / 268-169-5 [5] / 274-755-1 [6] / 238-034-5 [7] / 238-032-4 [8] / 271-112-7 [9] / - [10] / - [11] | Article 15/CMR | |
| (*) 5. | diammonium nickel hexacyanoferrate | 74195-78-1 | 028-033-00-6 | Article 15/CMR | |
| (*) 6. | dinickel hexacyanoferrate | 14874-78-3 | 238-946-3 | Article 15/CMR | |
| 7. | Dinickel trioxide | 1314-06-3 | 215-217-8 | II/456 | |
| 8. | Nickel (II) sulfide [1]; nickel sulfide [2]; millerite [3] | 16812-54-7 [1] / 11113-75-0 [2] / 1314-01-4 [3] | 240-841-2 [1] / 234-349-7 [2] / - [3] | II/460 | |
| 9. | NICKEL ACETYLMETHIONATE | - | - | | |

Figure 11 – Unpublished substances

Please note that although the substance is not referenced in any O.J., a **default** reference may be provided to an Annex/Part/Ref #, where related, published substances are described:

Substance : [cobalt nickel gray periclase; CI Pigment Black 25; CI 77332 \[1\]; cobalt nickel dioxide \[2\]; cobalt nickel oxide \[3\]](#) (Not in the annexes of the Regulation as published in the Official Journal of the European Union)

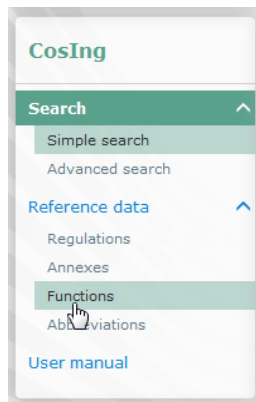
| | |
|---|---|
| Substance | |
| CAS # | 68186-89-0 [1] / 58591-45-0 [2] / 12737-30-3 [3] |
| EC # | 269-051-6 [1] / 261-346-8 [2] / - |
| INN/ISO/AN | |
| Regulation | (EC) No 1232/2000 |
| Other Directives/Regulations | • 790/2009 |
| Annex/Ref # | Article 15/CMR |
| SCCS opinions | |
| Chemical/IUPAC Name | cobalt nickel gray periclase; CI Pigment Black 25; CI 77332 [1]; cobalt nickel dioxide [2]; cobalt nickel oxide [3] |
| Identified INGREDIENTS or substances e.g. | |

Consulting the Reference Data

Reference data available in *CosIng* includes lists of Regulations, Annexes, Functions and Abbreviations linked to cosmetic ingredients and substances.

◆ **To consult reference data**

1. From the **Reference data** menu, select the type of information that you want to view i.e. **Regulations, Annexes, Functions or Abbreviations**:



Result: The list of Regulations, Annexes, Functions or Abbreviations is displayed for consultation:

| Name | Description |
|-----------------------------------|--|
| ABRASIVE | Removes materials from various body surfaces or aids mechanical tooth cleaning or improves gloss |
| ABSORBENT | Takes up water- and/or oil-soluble dissolved or finely dispersed substances |
| ANTICAKING | Allows free flow of solid particles and thus avoids agglomeration of powdered cosmetics into lumps or hard masses |
| ANTICORROSIVE | Prevents corrosion of the packaging |
| ANTIDANDRUFF | Helps control dandruff |
| ANTIFOAMING | Suppresses foam during manufacturing or reduces the tendency of finished products to generate foam |
| ANTIMICROBIAL | Helps control the growth of micro-organisms on the skin |
| ANTIOXIDANT | Inhibits reactions promoted by oxygen, thus avoiding oxidation and rancidity |
| ANTIPERSPIRANT | Reduces perspiration |
| ANTIPLAQUE | Helps protect against plaque |
| ANTISEBORRHOEIC | Helps control sebum production |
| ANTISTATIC | Reduces static electricity by neutralising electrical charge on a surface |
| ASTRINGENT | Contracts the skin |
| BINDING | Provides cohesion in cosmetics |
| BLEACHING | Lightens the shade of hair or skin |
| BUFFERING | Stabilises the pH of cosmetics |
| BULKING | Reduces bulk density of cosmetics |
| CHELATING | Reacts and forms complexes with metal ions which could affect the stability and/or appearance of cosmetics |
| CLEANSING | Helps to keep the body surface clean |
| COSMETIC COLORANT | Colours cosmetics and/or imparts colour to the skin and/or its appendages. All colours listed are substances on the positive list of colorants (Annex IV of the Cosmetics Directive) |
| DENATURANT | Renders cosmetics unpalatable. Mostly added to cosmetics containing ethyl alcohol |
| DEODORANT | Reduces or masks unpleasant body odours |
| DEPERFUMANT | Removes unpleasant body odours |

Figure 12 – Consulting reference data: Functions

2. You can further generate and save/open a PDF of the list by clicking the **Download** hyperlink at the top right of the detail page.
3. From the displayed list (except if the active list is the list of abbreviations), you can view the details of underlying ingredients/substances, and further drill down to the next level of details i.e.:
 - *Regulations*: clicking a regulation from the List of Regulations will display all substances linked to that regulation (whether they are active or not). Subsequently clicking a substance hyperlink will show further details about that substance.
 - *Annexes*: clicking a specific annex in the List of Annexes will display all active substances mentioned in that annex. Subsequently clicking a substance hyperlink will show further details about that substance.
 - *Functions*: clicking a specific function in the List of Functions will display all active ingredients with that function. Subsequently clicking an ingredient hyperlink will show further details about that ingredient.

Example:

From the list of annexes included in the Cosmetics Regulation, you could click the Annex II hyperlink to view the full list of active substances under that annex, and print the latest PDF if necessary:

The screenshot shows a multi-step drill-down process:

- Regulation Annexes**: A table with columns #, Description, and Parts. Row II is highlighted: **LIST OF SUBSTANCES PROHIBITED IN COSMETIC PRODUCTS**.
- Annex II**: A page titled "LIST OF SUBSTANCES PROHIBITED IN COSMETIC PRODUCTS" with a table of substances. Row 3 is highlighted: **Deanol aceglumate (INN)**.
- Substance : Deanol aceglumate (INN)**: A detailed view page for the selected substance, showing various identifiers and regulatory information.

| # | Description | Parts |
|------------|--|-------|
| I | COSMETIC PRODUCT SAFETY REPORT | - |
| II | LIST OF SUBSTANCES PROHIBITED IN COSMETIC PRODUCTS | - |
| III | LIST OF SUBSTANCES WHICH COSMETIC PRODUCTS MUST NOT CONTAIN EXCEPT SUBJECT TO THE RESTRICTIONS LAID DOWN | - |
| IV | LIST OF COLORANTS ALLOWED IN COSMETIC PRODUCTS | - |
| V | LIST OF PRESERV | - |
| VI | LIST OF UV FILTE | - |
| Article 15 | | |

| Ref. | Chemical name / INN | CAS Number | EC Number |
|------|--|------------|-----------|
| 1 | N-(5-Chlorobenzoxazol-2-yl)acetamide | 35783-57-4 | - |
| 2 | (2-Acetoxyethyl)trimethylammonium hydroxide (Acetylcholine) and its salts | 51-84-3 | 200-128-9 |
| 3 | Deanol aceglumate (INN) | 3342-61-8 | 222-085-5 |
| 4 | Spirolactone (INN) | 52-01-7 | 200-133-6 |
| 5 | [4-(4-Hydroxy-3-iodophenoxy)-3,5-diiodophenyl]acetic acid (Tiratricol (INN)) and its salts | 51-24-1 | 200-086-1 |
| 6 | Methotrexate (INN) | 59-05-2 | 200-413-8 |
| 7 | Aminocaproic acid (INN) and its salts | 60-32-2 | 200-469-3 |
| 8 | Cinchophen (I | | |
| 9 | Thyropropic a | | |
| 10 | Trichloroaceti | | |
| 11 | Aconitum nap | | |
| 12 | Aconitine (ori | | |
| 13 | Adonis vernal | | |
| 14 | Epinephrine (I | | |
| 15 | Rauwolfia ser | | |
| 16 | Alkyne alcoho | | |
| 17 | Isorenaline (I | | |
| 18 | Allyl isothiocy | | |
| 19 | Alloclamide (I | | |

| Field | Value |
|---|-------------------------|
| Substance | Deanol aceglumate (INN) |
| CAS # | 3342-61-8 |
| EC # | 222-085-5 |
| INN/ISO/AN | |
| Regulation | (EC) No 1223/2009 |
| Regulated By | 75/768/EEC |
| Other Directives/Regulations | |
| Annex/Ref # | II/3 |
| SCCS opinions | |
| Chemical/IUPAC Name | |
| Identified INGREDIENTS or substances e.g. | |
| Note | |
| Current Version | v.1 |

Figure 13 – Reference data drill down options (Annexes)

Glossary of Terms

| | |
|------------------|--|
| CAS | <p>Chemical Abstracts Service Registry. A registry of unique numeric identifiers allocated to each substance. A CAS Registry Number (abbreviated CASN, CASRN or CAS#) can contain up to 10 digits, divided by hyphens into 3 parts. The first part of the number has up to 7 digits; the second part has 2 digits, and the final part consists of a single check digit used to verify by computer the validity and uniqueness of the entire number. The full CAS Registry can be searched from different online sources. Try for example: http://echa.europa.eu/information-on-chemicals/registered-substances.</p> |
| EC Number | <p>European Community number. A unique, 7-digit identifier assigned to substances for regulatory purposes within the European Union by the European Commission. The so-called EC Inventory (http://echa.europa.eu/information-on-chemicals/ec-inventory) comprises 3 individual inventories i.e. EINECS, ELINCS and the NLP list.</p> |
| ELINCS | <p>European List of Notified Chemical Substances, that is, the list of substances marketed as of 18 September 1981 and notified under Directive 67/548/EEC. The latest edition of the ELINCS List can be consulted from http://bookshop.europa.eu/en/european-list-of-notified-chemical-substances-elincs-pbLBNA23923/.</p> |
| EINECS | <p>European Inventory of Existing Chemical Substances. An official inventory published on 15 June, 1990, that enumerates and describes the chemicals on the market of the European Union between January 1, 1971 and September 18, 1981 and identifies the chemicals being exempted of the mandatory "precommercialisation" notification. The EINECS Inventory can be searched from different online sources. Try for example: https://eurl-ecvam.jrc.ec.europa.eu/laboratories-research/predictive_toxicology/information-sources/ec_inventory</p> |

| | |
|-------------------------------|--|
| European Pharmacopoeia | The European Pharmacopoeia of the Council of Europe is a listing of a wide range of active substances and excipients used to prepare pharmaceutical products in Europe. The 2005 edition includes 1800 specific and general monographs, including various chemical substances, antibiotics, biological substances; Vaccines for human or veterinary use; Immunoserum; Radiopharmaceutical preparations; Herbal drugs; Homoeopathic preparations and homoeopathic stocks. It also contains Dosage forms, General monographs, Materials and Containers, Sutures; 268 General methods with figures or chromatograms and 2210 reagents are described. The monographs give quality standards for all the main medicines used in Europe. All medicines sold in the 36 Member States of the European Pharmacopoeia must comply with these quality standards so that consumers have a guarantee for products obtained from pharmacies and other legal suppliers. |
| INCI | The International Nomenclature of Cosmetic Ingredients. A system of names for waxes, oils, pigments, chemicals and other ingredients of cosmetics, soaps and the likes. For the purpose of identifying chemical compounds, which are used as ingredients in cosmetics, INCI ingredient names are predominantly based upon the terminology created by the INC committee. |
| INN | The International Non-proprietary Name of an ingredient as recommended by the World Health Organisation (WHO) (if applicable). |
| NLP List | 'No-Longer Polymers' List. List of substances that were on the EU market between September 18, 1981, and October 31, 1993 and satisfy the requirements to be considered as polymers under the reporting rules for EINECS but are no longer considered to be polymers under the 7th amendment. (The definition of polymers was changed in April 1992 by Council Directive 92/32/EEC amending Directive 67/548/EEC. The NLP List was published by the Office for Official Publications of the European Communities, Luxembourg, 1997 ISBN 92-827-8995-0 . An NLP number is a 7-digit number of the type XXX-XXX-X, starting at 500-001-0. |
| Ph. Eur. Name | The name of an ingredient in the European Pharmacopoeia . |

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