



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 14 October 2015

Contents

Introduction	2
Overview.....	2
Accessing CosIng.....	3
Searching & Consulting the Database	4
Performing a Simple Search	5
Performing an Advanced Search	8
Consulting Proposed Updates.....	12
Obtaining Exports of the Ingredient Inventory	13
About Unpublished Substances	15
Consulting the Reference Data	16
Glossary of Terms	18
Index	20

Introduction

Overview



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

- the consolidated version of the [Cosmetics Directive 76/768/EEC](#);
- the [Inventory of Cosmetic Ingredients](#), as amended; and
- [opinions on cosmetic ingredients](#) of the Scientific Committee for Consumer Products (SCCP).

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 for Consumer Products 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 Council [Directive 76/768/EEC](#) of 27 July 1976 on the approximation of the laws of the Member States relating to cosmetic products, and its amendments, have a legal value.

In particular, cross-references between substances (listed in directives) 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 directives) and ingredients (listed in the inventory), the definitions of “esters” and “salts” as mentioned in Annex VI preamble of the Cosmetics Directive 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 with the following structure:

- Header:** European Commission logo, GROWTH Internal Market, Industry, Entrepreneurship and SMEs.
- Navigation:** Home, Single Market and Standards, Industry, Entrepreneurship and SMEs, Access to finance for SMEs, Sectors.
- Left Sidebar:**
 - CosIng**
 - Search (Simple search, Advanced search)
 - Reference data (Regulations/Directives, Annexes, Functions, Abbreviations)
 - User manual
 - Cosmetics - links
 - News
 - Events
 - Contracts and grants
 - Public consultations
 - Publications
- Main Content:**
 - CosIng**

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;
 - Cosmetics [Directive 76/768/EEC](#) (Cosmetics Directive), as amended;
 - [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.

The database includes all data since the adoption of the Cosmetics Directive in 1976.

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

IN THIS SECTION

Performing a Simple Search	5
Performing an Advanced Search	8
Consulting Proposed Updates	12
Obtaining Exports of the Ingredient Inventory	13
About Unpublished Substances	15
Consulting the Reference Data	16

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, directive reference and/or publication date.
REFERENCE DATA:	
Regulations / Directives	List of European regulations and directives amending the Cosmetics Directive.
Annexes	List of annexes to the Cosmetics Directive.
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

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 Directive.

Status:

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

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

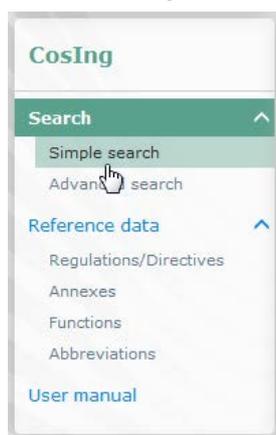
The last version describes the active status and other versions the respective disabled status.

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", who have the status "not active".

Version

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 i.e. the Cosmetics Directive [76/768/EEC](#) or the 'Cosmetics Regulation' [1223/2009](#).
- 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 Directive 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 Directive or Regulation in the related Official Journal

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

The screenshot shows the 'Search Results' page for 'dopamine'. A table lists search results with columns for INCI Name/Substance Name, CAS No., EC No., and Restriction/Annex/Ref #. Item 4, 'N-CAPROYL DOPAMINE', is highlighted. A green arrow points from this item to a detailed view page. The detail page shows the INCI Name, Description, Chemical/IUPAC Name, and Functions (ANTIOXIDANT, SKIN PROTECTING). A printer-friendly PDF icon is visible in the top right of the detail page.

#	INCI Name/Substance Name	CAS No.	EC No.	Restriction/Annex/Ref #
1	dopamine	51-61-6	200-110-0	II/21
2	Dopamine hydrochloride [USAN/JAN]	62-31-7	200-527-8	II/21
3	N-ADAMANTANOYL DOPAMINE			II/21
4	N-CAPROYL DOPAMINE	930050-18-3	1005/2009-II/21	
5	N-CYCLOHEXANOYL DOPAMINE	42600-76-0		II/21
6	N-ETHYL			
7	N-NICOTYL			

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

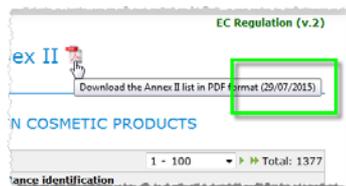
Figure 3 – Simple Search results and details

→ 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:



Click this icon to open or save the displayed list in PDF format. Note that if the search is about all active ingredients in the inventory as a whole, or about banned substances covered by Annex II, then the date of last update of the list will be displayed in the tooltip of the PDF icon when you hover with the mouse pointer:



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

The screenshot shows the COSING search results for Annex III substances. The page title is "LIST OF SUBSTANCES WHICH COSMETIC PRODUCTS MUST NOT CONTAIN EXCEPT SUBJECT TO THE RESTRICTIONS LAID DOWN". The table below lists the substances and their restrictions.

Ref.	Chemical name / INN	Name of Common Ingredients Glossary	CAS Number	EC Number	Product Type, body parts	Restrictions Maximum concentration in ready for use preparation
1a	Boric acid, borates and tetraborates with the exception of substance no. 1104 in Annex II	BORIC ACID	10043-35-3 / 11113-50-1	233-139-2 / 234-343-4	(a) Toiletries (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) 10% (as boric acid) (b) 8% (as boric acid)
2a	Thioglycolic acid and its salts	THIOGLYCOLIC ACID	60-11-1	200-677-4	(a) Hair products (b) Depilatories (c) Hair rinse-off products	(a) 1) 8% 2) 11% (b) 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 / 1330-21-6	231-635-3 / 215-647-6		6% (as NH ₃)
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	223-269-7 / 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 website at <https://get.adobe.com/uk/reader>

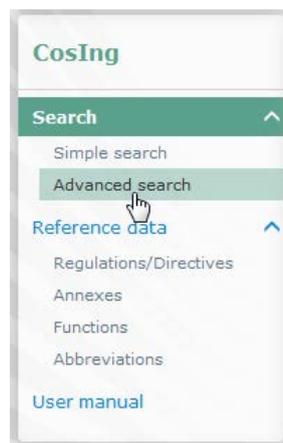
The screenshot shows the ingredient details for N-CYCLOHEXANOYL DOPAMINE. A chemical structure is displayed. A PDF icon is highlighted in the top right corner. A file opening dialog box is open, showing the file 'COSING_Ingredient.pdf' and options to 'Open with Adobe Reader (default)', 'Save File', or 'Do this automatically for files like this from now on'.

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, directive reference and/or publication date for *substances* under the Cosmetics Directive.

◆ To perform an advanced search

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



Result: the *Advanced search* page appears:

 A screenshot of the 'Advanced search' page. The page has a title 'Advanced search' and a list of search criteria on the left and corresponding input fields on the right. The criteria include: Common Version (with a dropdown menu set to 'EC Regulation'), INCI/Substance name, CAS # (with an information icon), EINECS/ELINCS/EC # (with an information icon), INN Name, Chemical/IUPAC Name, Other Directive/Regulation (with a dropdown menu set to 'Any'), Other Restriction, SCCS Opinion, Status (with a dropdown menu set to 'Active'), Type (with checkboxes for 'Ingredient' and 'Substance'), Ingredients (with an information icon), Description, Ph. Eur. Name, Cosmetic Restriction, Function (with a dropdown menu set to 'Any'), Proposed Substances (with an information icon), Cosmetic Directive / Regulation (with a dropdown menu set to 'Any'), Annex (with a dropdown menu set to 'Any'), Reference #, and Publication date. At the bottom of the form are 'Search' and 'Clear' buttons.

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 i.e. the Cosmetics Directive 76/768/EEC or the 'Cosmetics Regulation' 1223/2009 .
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 Directive /Regulation	If the searched ingredient/substance falls under another directive or regulation than the Cosmetics Directive 76/768/EEC or the 'Cosmetics Regulation' 1223/2009 , you can select the relevant legal source here: 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'. 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. 790/2009 Regulation (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific Regulation progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures. 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.
Other Restriction	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). 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 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'.

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.

SCCP Opinion	The reference or (part of the) title of an opinion by the Scientific Committee for Consumer Products 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 Cosmetics Directive 76/768/EEC , 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 Directive/Regulation	The reference of the directive that mentions the searched substance.						
Annex	If known, use the selection box to specify the specific annex of the directive that mentions the searched substance.						
Reference #	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: <table border="1" data-bbox="869 1854 1423 1955"> <tr> <td>Cosmetic Directive / Regulation</td> <td>(EC) No 1223/2009</td> </tr> <tr> <td>Annex</td> <td>III</td> </tr> <tr> <td>Reference #</td> <td>52</td> </tr> </table>	Cosmetic Directive / Regulation	(EC) No 1223/2009	Annex	III	Reference #	52
Cosmetic Directive / Regulation	(EC) No 1223/2009						
Annex	III						
Reference #	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: Version: **EC Regulation (v.2)** | INCI/Substance name: **hydrochloride** | Type: **Substance** | SCCS Opinion: **cancer risk** | Status: **Active**

Total: 6

#	INCI Name/Substance Name	CAS No.	EC No.	Restriction/Annex/Ref #
1.	1-Hydroxy-2,4-diaminobenzene (2,4-Diaminophenol) and its dihydrochloride salts (2,4-Di(aminophenol HCl) when used as a substance in hair dye products	95-86-3 -- 137-09-7	202-459-4 -- 205-279-4	II/1338
2.	2,2'-(4-Amino-3-phenyl)imino]bisethanol hydrochloride and i	29705-39-3 - 94158-13-1	-- 303-083-4	III/237
3.	2,4-Diaminophenol hydrochloride and i			
4.	3-Amino-2,4-dichlor hydrochloride			
5.	4,4'-(1,3-Propanediylbis(oxy 1,3-diamine and its tetrahydrochloride			
6.	4-[(4-Aminophenyl)(4-aminocyclohexa-1-ylidene)methyl]-c 3248-93-9; EINECS its hydrochloride sa 14; CI 42510) (CAS EINECS 211-189-6) substance in hair d			

Substance : 1-Hydroxy-2,4-diaminobenzene (2,4-Diaminophenol) and its dihydrochloride salts (2,4-Diaminophenol HCl) when used as a substance in hair dye products

Substance	1-Hydroxy-2,4-diaminobenzene (2,4-Diaminophenol) and its dihydrochloride salts (2,4-Diaminophenol HCl) when used as a substance in hair dye products
CAS #	95-86-3 -- 137-09-7
EC #	202-459-4 -- 205-279-4
INN/ISO/AN	
Regulation	(EC) No 344/2013
Other Directives/Regulations	
Annex/Ref #	II/1338
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 • 0720/03 - Updated Recommended Strategy for Testing Hair Dyes for Their Potential Genotoxicity/Mutagenicity/Carcinogenicity • 0797/04 - Opinion concerning Use of Permanent Hair Dyes and Bladder Cancer - Updated 2004 • 0930/05 - Opinion on Personal Use of Hair Dyes and Cancer Risk • 0971/06 - Updated Recommended Strategy for Testing Oxidative Hair Dye Substances for their Potential Mutagenicity/Genotoxicity
Chemical/IUPAC Name	
Identified INGREDIENTS or substances e.g.	
Note	
Current Version	v.2

[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:

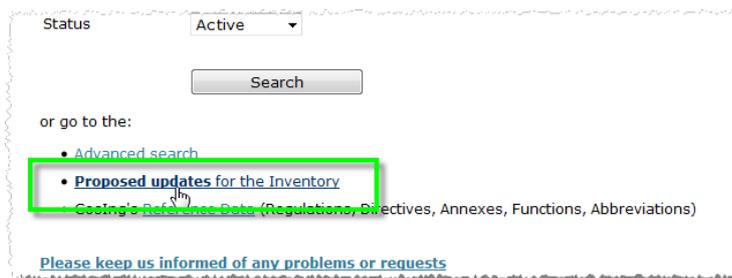


Figure 7 – 'Proposed updates for the Inventory' hyperlink

Result: This opens a list of proposed Inventory updates for products under the Cosmetic Directive, 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

INCI name	CAS No	EINECS/ELINCS No	Chem/IUPAC Name / Description	Restriction	Function
baillus/monascus/abelmoschus esculentus sprout/ rice bran ferment filtrate/			baillus/monascus/abelmoschus esculentus sprout/ 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. /		artiseborrhoic, humectant, skin conditioning, stabilising
baillus/monascus/aphanzomenon flos-aquae/ rice bran ferment filtrate/			baillus/monascus/aphanzomenon flos-aquae/ rice bran ferment filtrate is a filtrate of the product obtained by the fermentation of aphanzomenon flos-aquae and oryza sativa (rice) bran by the microorganisms, bacillus and monascus. /		hair conditioning, humectant, skin conditioning, skin protecting
baillus/monascus/caviar/ rice bran ferment filtrate/			baillus/monascus/caviar/ 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
baillus/monascus/ rice bran ferment filtrate/			baillus/monascus/ 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 to switch to updates relating to products under the Cosmetics Regulation

Click an item in the list to view its details

Figure 8 – List of proposed updates (Cosmetics Directive)

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 and an XLS file on a daily basis (normally). The resulting files are available for view, print and download from the page containing the complete Inventory.

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 front of each file.

◆ 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**:

Version: EC Regulation

Name (i) or CAS/EC #:

Scope: Inventory (ingredient & fragrance)

Status: Active

Figure 9 – Search criteria for displaying the full Inventory

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

EC Regulation (v.2)

Ingredients/Fragrance Inventory

1 - 100 Total: 23193

INCI name	CAS No	EC No.	Chem / IUPAC Name / Description	Restriction	Function
gossypium 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
isooctanoyl tetrapeptide-22	-	-	isooctanoyl tetrapeptide-22 is the product obtained by the reaction of tetrapeptide-25 with a branched chain octanoic acid.		skin conditioning

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

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

Hover with the mouse pointer to consult the date of last export.

New exports are created on a daily basis.

et, Industry, Entrepreneurship and SMEs

g > Search > Simple search

et Industry Entrepreneurship and SMEs Access to finance for SMEs Sectors

EC Regulation (v.2)

redients/Fragrance Inventory

Download the Ingredients/Fragrance Inventory list in PDF format (30/07/2015)

1 - 100 Total: 23

CAS No	EC No.	Chem / IUPAC Name / Description	Restriction	Function
8001-29-4	232-280-7	gossypium		skin

4. Click the  icon to view the ingredient Inventory in PDF format.
Or
Click the  icon to view the ingredient Inventory in XLS 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
 Scope Status

(*) Not in the annexes of the Directive/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	16812-54-7 [1] /	240-841-2 [1] /	II/460

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 : Carbonic acid, nickel salt (Not in the annexes of the Directive/Regulation as published in the Official Journal of the European Union)

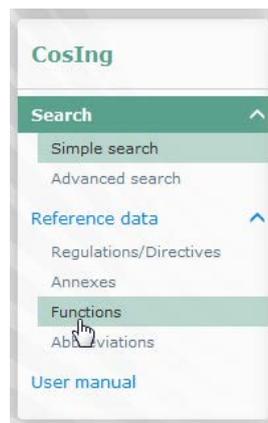
Substance	
CAS #	16337-84-1
EC #	240-408-8
INN/ISO/AN	
Regulation	(EC) No 1223/2009
Regulated By	2004/93/EC
Other Directives/Regulations	
Annex/Ref #	II/1060
SCCS opinions	View the Official Journal publication of the European Union
Chemical/IUPAC Name	Carbonic acid, nickel salt
Identified INGREDIENTS or substances e.g.	
Note	
Current Version	v.1

Consulting the Reference Data

Reference data available in *CosIng* includes lists of Directives, 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/Directives**, **Annexes**, **Functions** or **Abbreviations**:



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

Name	Description
ABRASIVE	Removes materials from various body surfaces or aids mechanical tooth cleaning or improves glass
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
ANTICORROSIIVE	Prevents corrosion of the packaging
ANTI-DANDRUFF	Helps control dandruff
ANTI-DAMAGING	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
ANTI-PERSPIRANT	Reduces perspiration
ANTI-PLAQUE	Helps protect against plaque
ANTI-SEBORRHOEIC	Helps control sebum production
ANTI-STATIC	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	Roasts 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
DEPILATORY	Removes unwanted body hair

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.:
 - *Directives*: clicking a directive from the List of Directives will display all substances linked to that directive (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 or Directive, 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 web interface with tabs for 'Regulation Annexes' and 'Directive Annexes'. The main heading is 'List of Directive Annexes'. A table lists various annexes, with 'Annex III (Part 1)' highlighted. A green arrow points from this annex to a detailed view of 'Substance: Boric acid, borates and tetraborates with the exception of substance no 1184 in Annex II'. This detailed view includes a table with the following data:

Reference #	Substance	Field of application and/or use	Restrictions Maximum authorized concentration in the finished cosmetic product	Other limitations and requirements	Conditions of use and warnings which must be printed on the label
1a	Boric acid, borates and tetraborates with the exception of substance no 1184 in Annex II	(a) Talc (b) Products for oral hygiene (c) Other products (excluding bath products)	(a) 5% (by mass/mass as boric acid) (b) 0.1% (by mass/mass as boric acid) (c) 3% (by mass/mass as boric acid)	(a) 1. Not to be used in products for children under 3 years of age	(a) 1. Not to be used in products for children under 3 years of age 2. Not to be used on peeling or irritated skin

Below this table, there is a detailed information section for the substance:

Substance	Boric acid, borates and tetraborates with the exception of substance no 1184 in Annex II
CAS #	
EINECS/ELINCS #	
INN/ISO/AN	
Cosmetic Directive	2005/60/EC [1]
Other Directives/Regulations	
Annex/Part,Ref #	III/1,1a
Field of application and/or use	(a) Talc (b) Products for oral hygiene (c) Other products (excluding bath products and hair waving products)
Maximum authorized concentration in the finished cosmetic product	(a) 5% (by mass/mass as boric acid) (b) 0.1% (by mass/mass as boric acid) (c) 3% (by mass/mass as boric acid)
Other limitations and requirements	(a) 1. Not to be used in products for children under 3 years of age 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) (b) 1. Not to be used in products for children under 3 years of age (c) 1. Not to be used in products for children under 3 years of age 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)
Conditions of use and warnings which must be printed on the label	(a) 1. Not to be used in products for children under 3 years of age 2. Not to be used on peeling or irritated skin (b) 1. Not to be swallowed 2. Not to be used in products for children under 3 years of age (c) 1. Not to be used in products for children under 3 years of age

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.</p> <p>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.</p> <p>The latest edition of the ELINCS List can be consulted from http://bookshop.europa.eu/en/european-list-of-notified-chemical-substances-elincs-pbLBN23923/.</p>
EINECS	<p>European Inventory of Existing Chemical Substances.</p> <p>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.</p> <p>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	<p>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</p>

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 .

Index

A

Active vs. Not active..... 5, 17
Adobe Reader..... 7
Advanced Search..... 4, 8
Annex..... 7, 10
Annex/Part/Ref..... 15
Annexes 4, 16, 17

C

CAS..... 6, 9, 18
Chemical Name 9
Conventions 5
Cosmetic restrictions 10
Cross-references 2, 5

D

Date 17
Directives 4, 10, 16
Download 11, 12
Drill down 17

E

EC # 6, 9, 18
EINECS..... 9, 18
ELINCS 9, 18
Ester..... 2, 5
European Pharmacopoeia 18
Excel 13
Export..... 13

F

Function 10
Functions 4, 16

G

Glossary..... 18

I

INCI..... 8, 9, 19
INN..... 19
Inventory 12, 13
IUPAC Name 9

N

NLP List 19
Notes..... 7

O

O.J..... 15
Official Journal 6
Other Directive/Regulation 9

P

Part 2..... 7
PDF 6, 12, 13, 14, 16, 17
Ph. Eur. Name..... 10
Ph. Eur.Name..... 19
Preamble 7
Proposed ingredients 10
Proposed updates 12
Publication 15
Publication date..... 10

R

Reference Data 16
Restricted 7
Restrictions 9, 10

S

Salt 2, 5
Save 16
SCCP Opinion 10
Scope 6, 10, 13
Search..... 3
 Advanced Search..... 8
Simple Search..... 4, 5
Starting CosIng..... 3
Status 5, 6, 10

T

Type 10

U

Unpublished 15
Unpublished substances 15
Updates 12
URL 3

V

Version 6, 9

X

XLS..... 13