





## INGREDIENTS UNDER PRESSURE

- CMRs, ED, Nanos...
- Regulations
- Technical sheets

THE INGREDIENTS COLLECTION

LES ÉDITIONS DE L'OBSERVATOIRE DES COSMÉTIQUES

Reminder: 2-Chloro-p-phenylenediamine totally banned	
	***
since 22 February 2020	
Reminder: HICC, Atranol et Chloroatranol totally prohibited as of	
August 23, 2021	
Reminder: full entry into force of the new restrictions on	
Benzophenone-3 and Octocrylene	
Regulation 2020/1683: New updates of Annexes II and III to the	
Cosmetic Regulations for hair dyes	••••
Regulation 2020/1682: HEMA / di-HEMA TMHDC are included in Annex	
III to the Cosmetics Regulation	••••
Regulation 2021/1099: Ban on Deoxyarbutin, restrictions for	
Dihydroxyacetone	***
Corrigendum to Regulation 2021/1099	
Regulation 2022/135: restrictions for Methyl-n-Methylanthranilate	
Regulation (EU) 2022/2195: new regulation for 4 cosmetic ingredients	
(EDs, colorant, UV filters)	***
The European "New Allergens" Regulation has been published!	
Notification from the European Commission: ban on a UV filter,	
restrictions on several endocrine disruptors	****
Europe notifies a ban on PFHxAs in cosmetic products	
Regulation 2024/996: restrictions on vitamin A, Arbutin and 6 endocrine	
disruptors	***
Regulation 2024/1328: new restrictions for D4, D5 and D6	
CMR Regulations	
2019/831: the first CMR Regulation has been published	
Publication of the 2nd Regulation on CMRs (and Corrigenda)	
Publication of the 2nd Regulation on CMRs (and Corrigenda)	
Publication of the 3rd Regulation on CMRs (Slight) amendments to the 3rd CMR and 14th ATP to CLP	••••
Publication of the 3rd Regulation on CMRs	•••••
Publication of the 3rd Regulation on CMRs (Slight) amendments to the 3rd CMR and 14th ATP to CLP Publication of the 4th Regulation on CMRs	
Publication of the 3rd Regulation on CMRs (Slight) amendments to the 3rd CMR and 14th ATP to CLP Publication of the 4th Regulation on CMRs Publication of the 5th Regulation on CMRs	
Publication of the 3rd Regulation on CMRs (Slight) amendments to the 3rd CMR and 14th ATP to CLP Publication of the 4th Regulation on CMRs Publication of the 5th Regulation on CMRs Publication of the 6th European CMR Regulation	
Publication of the 3rd Regulation on CMRs (Slight) amendments to the 3rd CMR and 14th ATP to CLP Publication of the 4th Regulation on CMRs Publication of the 5th Regulation on CMRs Publication of the 6th European CMR Regulation Recently banned CMR ingredients	
Publication of the 3rd Regulation on CMRs (Slight) amendments to the 3rd CMR and 14th ATP to CLP Publication of the 4th Regulation on CMRs Publication of the 5th Regulation on CMRs Publication of the 6th European CMR Regulation Recently banned CMR ingredients CMR ingredients whose restrictions have changed Diaminotoluene - Methylphenylenediamine	
Publication of the 3rd Regulation on CMRs (Slight) amendments to the 3rd CMR and 14th ATP to CLP Publication of the 4th Regulation on CMRs Publication of the 5th Regulation on CMRs Publication of the 6th European CMR Regulation Recently banned CMR ingredients CMR ingredients whose restrictions have changed Diaminotoluene - Methylphenylenediamine Furfural	
Publication of the 3rd Regulation on CMRs (Slight) amendments to the 3rd CMR and 14th ATP to CLP Publication of the 4th Regulation on CMRs Publication of the 5th Regulation on CMRs Publication of the 6th European CMR Regulation Recently banned CMR ingredients CMR ingredients whose restrictions have changed Diaminotoluene - Methylphenylenediamine Furfural Hydrogen Peroxide	
Publication of the 3rd Regulation on CMRs (Slight) amendments to the 3rd CMR and 14th ATP to CLP Publication of the 4th Regulation on CMRs Publication of the 5th Regulation on CMRs Publication of the 6th European CMR Regulation Recently banned CMR ingredients CMR ingredients whose restrictions have changed Diaminotoluene - Methylphenylenediamine Furfural Hydrogen Peroxide Methyl Salicylate	
Publication of the 3rd Regulation on CMRs (Slight) amendments to the 3rd CMR and 14th ATP to CLP Publication of the 4th Regulation on CMRs Publication of the 5th Regulation on CMRs Publication of the 6th European CMR Regulation Recently banned CMR ingredients CMR ingredients whose restrictions have changed Diaminotoluene - Methylphenylenediamine Furfural Hydrogen Peroxide Methyl Salicylate Oxyquinoline Sulfate	
Publication of the 3rd Regulation on CMRs (Slight) amendments to the 3rd CMR and 14th ATP to CLP Publication of the 4th Regulation on CMRs Publication of the 5th Regulation on CMRs Publication of the 6th European CMR Regulation Recently banned CMR ingredients CMR ingredients whose restrictions have changed Diaminotoluene - Methylphenylenediamine Furfural Hydrogen Peroxide Methyl Salicylate Oxyquinoline Sulfate Salicylic Acid	
Publication of the 3rd Regulation on CMRs (Slight) amendments to the 3rd CMR and 14th ATP to CLP Publication of the 4th Regulation on CMRs Publication of the 5th Regulation on CMRs Publication of the 6th European CMR Regulation Recently banned CMR ingredients CMR ingredients whose restrictions have changed Diaminotoluene - Methylphenylenediamine Furfural Hydrogen Peroxide Methyl Salicylate Oxyquinoline Sulfate Salicylic Acid Titanium Dioxide	
Publication of the 3rd Regulation on CMRs (Slight) amendments to the 3rd CMR and 14th ATP to CLP Publication of the 4th Regulation on CMRs Publication of the 5th Regulation on CMRs Publication of the 6th European CMR Regulation Recently banned CMR ingredients CMR ingredients whose restrictions have changed Diaminotoluene - Methylphenylenediamine Furfural Hydrogen Peroxide Methyl Salicylate Oxyquinoline Sulfate Salicylic Acid	
Publication of the 3rd Regulation on CMRs (Slight) amendments to the 3rd CMR and 14th ATP to CLP Publication of the 4th Regulation on CMRs Publication of the 5th Regulation on CMRs Publication of the 6th European CMR Regulation Recently banned CMR ingredients CMR ingredients whose restrictions have changed Diaminotoluene - Methylphenylenediamine Furfural Hydrogen Peroxide Methyl Salicylate Oxyquinoline Sulfate Salicylic Acid Titanium Dioxide Trimethylbenzoyl Diphenylphosphine Oxide CMR colorants whose conditions of use have changed	
Publication of the 3rd Regulation on CMRs (Slight) amendments to the 3rd CMR and 14th ATP to CLP Publication of the 4th Regulation on CMRs Publication of the 5th Regulation on CMRs Publication of the 6th European CMR Regulation Recently banned CMR ingredients CMR ingredients whose restrictions have changed Diaminotoluene - Methylphenylenediamine Furfural Hydrogen Peroxide Methyl Salicylate Oxyquinoline Sulfate Salicylic Acid Titanium Dioxide Trimethylbenzoyl Diphenylphosphine Oxide CMR colorants whose conditions of use have changed Titanium Dioxide	
Publication of the 3rd Regulation on CMRs (Slight) amendments to the 3rd CMR and 14th ATP to CLP Publication of the 4th Regulation on CMRs Publication of the 5th Regulation on CMRs Publication of the 6th European CMR Regulation Recently banned CMR ingredients CMR ingredients whose restrictions have changed Diaminotoluene - Methylphenylenediamine Furfural Hydrogen Peroxide Methyl Salicylate Oxyquinoline Sulfate Salicylic Acid Titanium Dioxide Trimethylbenzoyl Diphenylphosphine Oxide CMR colorants whose conditions of use have changed	

	Sodium Hydroxymethylglycinate		p. 152
	CMR UV filters whose conditions of use have changed		p. 153
	Titanium Dioxide		p. 153
<b>-</b>	NDOCRINE DISRUPTORS		p. 154
	Resorcinol, Propylparaben, Benzophenone-3, Octocrylene: Final		p. 154
	Opinions of the SCCS	***	
	BHT: the SCCS final Opinion		p. 163
	SCCS: Scientific advice on the safety of Homosalate		p. 165
	Genistein, Daidzein: final Opinion of the SCCS		p. 167
	Genistein, Daidzein: a corrigendum to the SCCS final Opinion		p. 169
	Triclosan and Triclocarban: final version of the Scientific Advice of the SCCS	***	p. 171
	Benzophenone-4, Benzophenone-1, Triphenyl Phosphate: requests for Opinions to the SCCS	***	p. 173
	Methylparaben, Butylparaben : preliminary Opinions of the SCCS		p. 176
	Benzyl Salicylate: preliminary Opinion of the SCCS		p. 179
	Salicylic Acid: final Opinion of the SCCS		p. 181
	Regulation 2022/1176: new restrictions for Benzophenone-3 and		p. 183
	Octocrylene	***	p. 200
	Kojic Acid: the SCCS final Opinion		p. 186
	Kojic acid: the SCCS revises its final Opinion		p. 188
	Regulation (EU) 2022/2195: new regulation for 4 cosmetic ingredients		p. 190
	(EDs, colorant, UV filters)		p. 130
	Consultation on the French Anses draft RMOA on Octocrylene		p. 197
	France submits an intention to restrict Octocrylene	******	p. 198
	Preparing the Octocrylene restriction: a call for contributions from Anses	***	p. 199
	Triphenyl Phosphate: preliminary Opinion of the SCCS		p. 200
	Benzophenone-4: final Opinion finale du of the SCCS		p. 201
	Children's exposure to Butylparaben and Salicylic Acid: requests for Opinions to the SCCS	****	
	Children's exposure to Butylparaben and Salicylic Acid: preliminary Opinions of the SCCS	****	p. 206
	Proposal for classification of Propylparaben as ED ENV 1		p. 210
M	ANOMATERIALS		p. 211
14	Nanomaterials to be banned soon	•••••	p. 211
	Nanomaterials for which the regulations will change	*******	p. 211
	Nanomaterials on hold		p. 212
	SCCS's Scientific Advice on the safety of nanomaterials in cosmetics:		p. 212
	final version	***	p. 213
	Fullerenes: preliminary Opinion of the SCCS		p. 224
	Silver: final Oninion of the SCCS	******	•
	Silver: final Opinion of the SCCS	•••••	p. 226
0	THER INGREDIENTS IN THE HOT SEAT		p. 228
	Prostaglandin analogues: the SCCS final Opinion		p. 229
	Prostaglandin analogues: new request for Opinion to SCCS		p. 231
	Vitamin A: final Opinion of the SCCS		p. 233
	lpha- and $eta$ -arbutin: Final Opinion of the SCCS		p. 235
	Aluminium: final Opinion of the SCCS		p. 237

Sodium Bromothymol Blue (C186): final Opinion of the SCCS	
CHA publishes PFAS restriction proposal	
CHA consultation on the PFAS restriction proposal	
uropean Commission publishes its proposal to restrict microplastic	s
uropean Commission call for data on Cannabidiol	
Cannabidiol: France notifies an intention for CLH classification	
HNICAL AND REGULATORY "INGREDIENTS" SHEETS	
-Methylbenzylidene camphor	
Alumina	
Benzophenone	
Benzophenone-1	
Benzophenone-2	
Benzophenone-3	
Benzophenone-4	
Benzophenone-5	
Benzyl salicylate	
BHABHT	
Butylparaben	
Butylphenyl methylpropional	
Cl 77266	
177891	
inc oxide	
Colloidal copper	
Colloidal gold	
Colloidal platinum	
Colloidal silver	
177400	
Cyclohexasiloxane	
Cyclopentasiloxane	
Cyclotetrasiloxane	
Paidzein	
thylhexyl methoxycinnamate	
vernia furfuracea extract	
vernia prunastri extract	
ullerenes	
Benistein	
old	
Gold thioethylamino hyaluronic acid	
Bis-(Diethylaminohydroxybenzoyl benzoyl) piperazine	
lomosalate	
lydrated silica	
lydroxyapatite	
lydroxyisohexyl 3-cyclohexene carboxaldehyde	
Kojic acid	
Methyl salicylate	

Methylparaben	p. 430
Octocrylene	p. 434
Platinum	
Polyaminopropyl biguanide	p. 443
Propylparaben	p. 447
Resorcinol	
Retinol	p. 459
Salicylic acid	
Silica	p. 475
Silica dimethicone silylate	
Silica dimethyl silylate	
Silica silylate	
Silver	
Sodium hydroxymethylglycinate	
Sodium magnesium fluorosilicate	
Sodium propoxyhydroxypropyl thiosulfate silica	p. 501
Sodium styrene/Acrylates copolymer	
Styrene/Acrylates copolymer	
Titanium dioxide [nano]	
Triclocarban	
Triclosan	
Trimethylbenzoyl diphenylphosphine oxide	p. 537
Triphenyl phosphate	
tris-Biphenyl triazine	
Zinc oxide [nano]	
Zinc pyrithione	
Lithium magnesium sodium silicate	

They are already condemned and in the process of being banned...

New threats arise to their future use...

They will be subject to new restrictions that are currently being finalised...

Day by day, the (already large) pool of raw materials "under pressure" is growing.

### Among them:

- Ingredients recently classified as CMR under the CLP Regulation and which will be banned
- Others, sometimes also classified as CMR and/or evaluated by the SCCS (European Scientific Committee on Consumer Safety) for their potential endocrine disruptors properties which will, surely or very probably, be subject to new restrictions on use
- Several substances in the form of nanomaterials, for which the SCCS has concluded that there is insufficient data to establish their safety
- Some whose safety is being re-evaluated by the CSSC and whose future is uncertain
- And finally, others threatened within the framework of regulations other than the Cosmetics Regulation, for example through REACH...

All of them deserve increased monitoring and, for many of them, the taking of measures to adapt the formulas of the products that contain them, taking into account the deadlines already defined or likely to be set.

CosmeticOBS has put together this Ebook of the main ingredients that are currently in the spotlight. An "Alert" Ebook to give all industry players the information and dates to prepare themselves as well as possible, and with complete peace of mind, for the upcoming obligations.

# Recently banned or regulated ingredients

For them, the case is already closed. After having been the subject of alerts and concerns about their safety, having gone through the long process of collecting scientific data and assessing their safety, having had their case decided by the SCCS and the Opinion of the Scientific Committee incorporated into the regulations, they are now banned or subject to new restrictions on use.

For some, the new provisions have already come into force. For others, the deadline is still to come, but within a fairly tight timeframe. As far as the latter are concerned, we are still only at the stage of the notification of a forthcoming measure... but that won't be long in coming.

## REMINDER: 2-CHLORO-P-PHENYLENEDIAMINE TOTALLY BANNED SINCE 22 FEBRUARY 2020

Previously permitted in hair dye products, including eyebrow dye products, and eyelash dye products at a concentration of 4.6%, 2-Chloro-p-phenylenediamine and its sulfate and dihydrochloride salts are now completely banned for use in cosmetic products. This ban follows the publication of the Regulation 2019/681 of 30 April 2019.

This measure is the consequence of the **Opinion of the SCCS** (European Scientific Committee for **Consumer Safety) of 19 September 2013** which concluded that no sufficient margin of safety could be deduced for the use of 2-Chloro-p-Phenylenediamine in oxidative hair dye formulations for eyebrows and eyelashes in a concentration of maximum 4.6%.

The SCCS further indicated that it was not possible to give a conclusion on the genotoxic potential of 2-Chloro-p-Phenylenediamine and that sulfate and dihydrochloride salts of 2-Chloro-p-Phenylenediamine should be handled with the same caution as 2-Chloro-p-Phenylenediamine.

This Opinion was formalised by Regulation 2019/681 which added these substances to Annex II (prohibited substances) of the Cosmetics Regulation 1223/2009, a provision applicable since 22 November 2019 for products placed on the market, and 22 February 2020 for products made available on the market.

They are therefore henceforth totally banned.

It is the responsibility of manufacturers and Responsible Persons to take all appropriate measures to meet these dates, by ensuring the conformity of their new formulas, by checking the state of stocks of products available on the market and by informing distributors of the deadline for withdrawing non-compliant products from the market.

#### Sources

- SCCS: Henna OK, 2-Chloro-p-phenylenediamine refused, CosmeticOBS, 7 October 2013
- SCCS (Scientific Committee on Consumer Safety), Opinion on 2-Chloro-p-phenylenediamine, SCCS/1510/13, 19 September 2013
- Regulation 2019/681: 2-Chloro-p-phenylenediamine prohibited, CosmeticOBS, 7 May 2019
- Commission Regulation (EU) 2019/681 of 30 April 2019 amending Annex II to Regulation (EC) No.1223/2009 of the European Parliament and of the Council on cosmetic products, Official Journal of European Union, 2 May 2019