



# INGREDIENTS UNDER PRESSURE

---

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

THE INGREDIENTS COLLECTION

LES ÉDITIONS DE  
L'OBSERVATOIRE DES COSMÉTIQUES

<b>RECENTLY BANNED OR REGULATED INGREDIENTS</b> .....	p. 5
Reminder: 2-Chloro-p-phenylenediamine totally banned since 22 February 2020 .....	p. 6
Reminder: HICC, Atranol et Chloroatranol totally prohibited as of August 23, 2021 .....	p. 7
Reminder: full entry into force of the new restrictions on Benzophenone-3 and Octocrylene .....	p. 8
Regulation 2020/1683: New updates of Annexes II and III to the Cosmetic Regulations for hair dyes .....	p. 9
Regulation 2020/1682: HEMA / di-HEMA TMHDC are included in Annex III to the Cosmetics Regulation .....	p. 15
Regulation 2021/1099: Ban on Deoxyarbutin, restrictions for Dihydroxyacetone .....	p. 18
Corrigendum to Regulation 2021/1099 .....	p. 21
Regulation 2022/135: restrictions for Methyl-n-Methylantranilate .....	p. 22
Regulation (EU) 2022/2195: new regulation for 4 cosmetic ingredients (EDs, colorant, UV filters) .....	p. 25
The European "New Allergens" Regulation has been published! .....	p. 32
Notification from the European Commission: ban on a UV filter, restrictions on several endocrine disruptors .....	p. 71
Europe notifies a ban on PFHxAs in cosmetic products .....	p. 82
Regulation 2024/996: restrictions on vitamin A, Arbutin and 6 endocrine disruptors .....	p. 84
Regulation 2024/1328: new restrictions for D4, D5 and D6 .....	p. 93
<b>CMRS</b> .....	p. 97
CMR Regulations .....	p. 98
2019/831: the first CMR Regulation has been published .....	p. 99
Publication of the 2nd Regulation on CMRs (and Corrigenda) .....	p. 105
Publication of the 3rd Regulation on CMRs .....	p. 116
(Slight) amendments to the 3rd CMR and 14th ATP to CLP .....	p. 122
Publication of the 4th Regulation on CMRs .....	p. 123
Publication of the 5th Regulation on CMRs .....	p. 129
Publication of the 6th European CMR Regulation .....	p. 135
Recently banned CMR ingredients .....	p. 140
CMR ingredients whose restrictions have changed .....	p. 144
Diaminotoluene - Methylphenylenediamine .....	p. 144
Furfural .....	p. 145
Hydrogen Peroxide .....	p. 145
Methyl Salicylate .....	p. 146
Oxyquinoline Sulfate .....	p. 147
Salicylic Acid .....	p. 148
Titanium Dioxide .....	p. 148
Trimethylbenzoyl Diphenylphosphine Oxide .....	p. 149
CMR colorants whose conditions of use have changed .....	p. 150
Titanium Dioxide .....	p. 150
CMR preservatives whose conditions of use have changed .....	p. 151
Polyaminopropyl Biguanide .....	p. 151
Salicylic Acid .....	p. 151

Sodium Hydroxymethylglycinate .....	p. 152
CMR UV filters whose conditions of use have changed .....	p. 153
Titanium Dioxide .....	p. 153
<b>ENDOCRINE DISRUPTORS</b> .....	p. 154
Resorcinol, Propylparaben, Benzophenone-3, Octocrylene: Final Opinions of the SCCS .....	p. 158
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 Octocrylene .....	p. 183
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 (EDs, colorant, UV filters) .....	p. 190
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 .....	p. 203
<b>NANOMATERIALS</b> .....	p. 206
Nanomaterials to be banned soon .....	p. 206
Nanomaterials for which the regulations will change .....	p. 207
Nanomaterials on hold .....	p. 207
SCCS's Scientific Advice on the safety of nanomaterials in cosmetics: final version .....	p. 208
Fullerenes: preliminary Opinion of the SCCS .....	p. 219
Silver: preliminary Opinion of the SCCS .....	p. 221
<b>OTHER INGREDIENTS IN THE HOT SEAT</b> .....	p. 223
Prostaglandin analogues: the SCCS final Opinion .....	p. 224
Prostaglandin analogues: new request for Opinion to SCCS .....	p. 226
Vitamin A: final Opinion of the SCCS .....	p. 228
$\alpha$ - and $\beta$ -arbutin: Final Opinion of the SCCS .....	p. 230
Aluminium: final Opinion of the SCCS .....	p. 232
Aluminium: new request for an Opinion to the SCCS .....	p. 235
Safety of aluminium in cosmetics: final Opinion of the SCCS .....	p. 239
Sodium Bromothymol Blue (C186): final Opinion of the SCCS .....	p. 243

Hexyl Salicylate: request for Opinion to the SCCS .....	p. 245
ECHA publishes PFAS restriction proposal .....	p. 247
ECHA consultation on the PFAS restriction proposal .....	p. 249
European Commission publishes its proposal to restrict microplastics .....	p. 250
European Commission call for data on Cannabidiol .....	p. 252
Cannabidiol: France notifies an intention for CLH classification .....	p. 254

<b>TECHNICAL AND REGULATORY “INGREDIENTS” SHEETS .....</b>	<b>p. 255</b>
4-Methylbenzylidene camphor .....	p. 256
Alumina .....	p. 261
Benzophenone .....	p. 264
Benzophenone-1 .....	p. 267
Benzophenone-2 .....	p. 269
Benzophenone-3 .....	p. 271
Benzophenone-4 .....	p. 276
Benzophenone-5 .....	p. 279
Benzyl salicylate .....	p. 282
BHA .....	p. 287
BHT .....	p. 289
Butylparaben .....	p. 292
Butylphenyl methylpropional .....	p. 297
CI 77266 .....	p. 302
CI 77891 .....	p. 307
Zinc oxide .....	p. 317
Colloidal copper .....	p. 323
Colloidal gold .....	p. 327
Colloidal platinum .....	p. 331
Colloidal silver .....	p. 335
CI 77400 .....	p. 339
Cyclohexasiloxane .....	p. 345
Cyclopentasiloxane .....	p. 348
Cyclotetrasiloxane .....	p. 352
Daidzein .....	p. 356
Ethylhexyl methoxycinnamate .....	p. 359
Evernia furfuracea extract .....	p. 363
Evernia prunastri extract .....	p. 368
Fullerenes .....	p. 373
Genistein .....	p. 375
Gold .....	p. 378
Gold thioethylamino hyaluronic acid .....	p. 383
Bis-(Diethylaminohydroxybenzoyl benzoyl) piperazine .....	p. 387
Homosalate .....	p. 391
Hydrated silica .....	p. 395
Hydroxyapatite .....	p. 398
Hydroxyisohexyl 3-cyclohexene carboxaldehyde .....	p. 403
Kojic acid .....	p. 407
Methyl salicylate .....	p. 410
Methylene bis-benzotriazolyl tetramethylbutylphenol .....	p. 418
Methylparaben .....	p. 423
Octocrylene .....	p. 427
Platinum .....	p. 432

Polyaminopropyl biguanide .....	p. 436
Propylparaben .....	p. 440
Resorcinol .....	p. 445
Retinol .....	p. 452
Salicylic acid .....	p. 456
Silica .....	p. 468
Silica dimethicone silylate .....	p. 472
Silica dimethyl silylate .....	p. 474
Silica silylate .....	p. 477
Silver .....	p. 480
Sodium hydroxymethylglycinate .....	p. 486
Sodium magnesium fluorosilicate .....	p. 491
Sodium propoxyhydroxypropyl thiosulfate silica .....	p. 493
Sodium styrene/Acrylates copolymer .....	p. 495
Styrene/Acrylates copolymer .....	p. 498
Titanium dioxide [nano] .....	p. 502
Triclocarban .....	p. 517
Triclosan .....	p. 522
Trimethylbenzoyl diphenylphosphine oxide .....	p. 528
Triphenyl phosphate .....	p. 532
tris-Biphenyl triazine .....	p. 534
Zinc oxide [nano] .....	p. 537
Zinc pyrithione .....	p. 546
Lithium magnesium sodium silicate .....	p. 551

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.