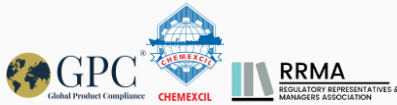


GPC-CHEMEXCIL COSMETIC PRODUCT SERIES

Formulating Organic and Natural cosmetic products

Aurélie Arnaud – Kalytera Consulting



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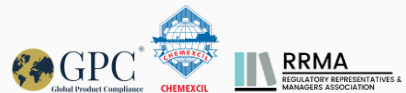
Aurélie Arnaud

**Expert of the natural and organic
cosmetic sector**

Involvement in this specific field for over 10
years

Technical point of contact of COSMOS-
Standard

Technical support of small and medium
companies



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First, what does natural mean ?

Natural Ingredients →

- Water
- Plant / farmed ingredients
- Minerals
- Ingredients derived from farm animals (honey, wax, milk...)

Raw
OR
Physically processed (pressing, macerating...)

3

What does natural origin mean ?

Ingredients of Natural Origin →

- Water
- Plant / farmed ingredients
- Minerals
- Ingredients derived from farm animals (honey, wax, milk...)

Raw
OR
Physically processed (pressing, macerating...)
OR
Chemically processed (fermentation, saponification...)

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What does organic mean ?

Organic ingredients are derived using the organic farming principles (therefore natural or of natural origin). Organic ingredients are certified and comes from certified suppliers.

Organic ingredients can also come wild harvest as long as it they comply with organic farming standards.

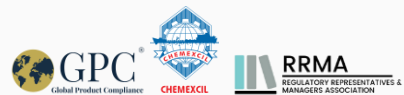
Water and minerals cannot be organic as they are not grown.



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How to source organic ingredients ?

Organic ingredients must be certified by a Certification Body according to Organic Standards



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Certifications for organic cosmetics

COSMOS-Standard has been developed by the leading associations and certifiers worldwide
[COSMOS | Natural and Organic Certification For Cosmetics \(cosmos-standard.org\)](https://www.cosmos-standard.org)

Natrue is the international natural and organic cosmetic association created in Germany
[Home - NATRUE](https://www.natrue.com)

NSF American National Standard Organic Personal Care Standards | NSF



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Process to get certified

Companies should get in touch with their local **Certification Body** (list available on the Standard's website)

- 1/ Document validation
- 2/ Audit on site before production, then once a year
- 3/ If all complies with the Standard chosen for organic cosmetics, then certification is granted by the certification body for products.



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Some specificities of organic cosmetic products





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Natural Cosmetics ingredients VS Synthetic Cosmetics Ingredients: Advantages & Disadvantages

COSMÉTIQUE CLASSIQUE	COSMÉTIQUE LABELLISÉ BIO <small>selon la Charte COSMÉBIO®</small>
 <p>PHASE AQUEUSE eau, glycérolle d'origine pétrochimique...</p> <p>PHASE GRASSE acides gras, huiles minérales, silicones, huiles végétales...</p> <p>ACTIFS origine pétrochimique ou naturelle</p> <p>INÉLÉMENTS origine pétrochimique ou naturelle</p> <p>ADJUVANTS Polymères d'origine pétrochimique</p> <p>CONSERVATEURS parabens, phénoxyéthanol...</p> <p>PARFUMS origine pétrochimique</p> <p>COLORANTS origine pétrochimique</p> <p><small>EXCIPIENTS ADDITIFS</small></p>	 <p>PHASE AQUEUSE eau, glycérine végétale, sésame floréolée (huile d'oncote...)</p> <p>PHASE GRASSE acides gras, huiles végétales (olive, argan...)</p> <p>ACTIFS origine naturelle (extraits végétaux, vitamines...)</p> <p>INÉLÉMENTS origine naturelle (extraits d'argan, de lin...)</p> <p>ADJUVANTS origine naturelle</p> <p>CONSERVATEURS liste restrictive d'ingrédients autorisés</p> <p>PARFUMS origine naturelle</p> <p>COLORANTS origine naturelle</p>

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What are the allowed preservatives ?

Ingredient
Benzoic Acid and its salts
Benzyl Alcohol
Dehydroacetic Acid and its salts
Denatonium Benzoate and Tertiary Butyl Alcohol and other denaturing agents for alcohol (excluding phthalates)
Salicylic Acid and its salts
Sorbic Acid and its salts


 COSMOS ORGANIC

+ other raw materials with preservative properties compliant with Organic cosmetic Standards








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Substituting synthetic perfumes and colours with natural perfumes / colours

- Perfumes containing natural and natural origin molecules (i.e. essential oils, plant extracts, floral waters...)
- Pigments from natural and natural/mineral origin: mineral and vegetal origin (i.e. iron oxides, ultramarines, plant extracts...)

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Natural and organic cosmetics

A growing trend worldwide that brings together pleasure, efficacy and responsibility



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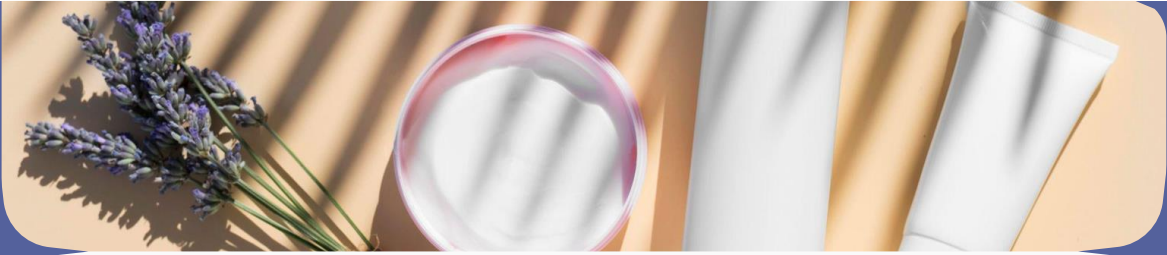
The GPC-Chemexcil Cosmetic Product Series:

6 Feb	1. Certification for cosmetic Products
8 Feb	2. Packaging of cosmetic product requirements in China
13 Feb	3. Shelf life and stability study of cosmetic products
15 Feb	4. Formulating and manufacturing of new generation cosmetics
22 Feb	5. Formulating organic and natural cosmetic products

Find out more about all webinars on www.gpcgateway.com → Events



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Thank you!

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