

INFORMATION ON THE INGREDIENT

Trade name: Blue-green clay
Product reference: CosBLUE™
Composition: 100% natural mineral product
Origin of the ingredient: France

Description of the manufacturing process:

Blue-green clay undergoes a mechanical treatment, without any chemical process. It is crushed and dried at 350°C during 20 mins. Powder grains are then sorted thanks to an innovative and sophisticated process: a selection by induction.

Raw material certified « COSMOS and ECOCERT »: <http://www.cosmos-standard-rm.org/>

FEATURES OF THE INGREDIENT

INCI* : Montmorillonite: 55% ± 3 **Illite: 45% ± 3**
CAS N°: 1318-93-0 **106958-53-6**

*The INCI composition above, includes a portion of non-clay minerals.

Mineralogy: This clay is very pure: more than 80% of clay
 This clay doesn't contain quartz

Impurities: Monitoring controls are carried out by a laboratory providing COFRAC results
 Traces of heavy metals naturally occur in clays
 They are permitted by CE regulation because they are technically unavoidable
Mineralization according to EN15510
Internal method spectrometry A.A. IN 020 20 (Perkin Elmer PinAAcle 900T)
 Levels of dioxins and PCBs controlled are near zero

SPECIFICATIONS OF THE INGREDIENT

Physico-chemical analysis			
Humidity (<i>humidimeter METTLER TOLEDO</i>)	< 8%	Aspect	Blue-green powder
pH (<i>method NF EN ISO 787-9 T31-235</i>)	8 - 9	Odour	None
Grain sizes (<i>granulometer Mastersizer 2000 Malvern</i>)	90% < 100 µm and 100% < 150 µm		
Microbiological analysis			
Ingredient classified in category 1 or 2 (<i>according to the notice of the scientific committee of the EU cosmetic products dated 09/23/1998</i>)			
	Specifications category 2	Specifications category 1	
Mesophilic aerobic bacteria DGAT (<i>NF EN ISO 21149</i>)	< 1000 CFU/g	< 100 CFU/g	
Yeasts and molds DMLT (<i>NF EN ISO 16212</i>)	< 100 CFU/g	< 10 CFU/g	
Pseudomonas aeruginosa, Staphylococcus aureus and Candida albicans (<i>NF EN ISO 21148, 18416, 21150, 22718, 22717</i>)	NONE	NONE	

If not specified, please note that our price offers are automatically CAT 2 clays. Cotations for CAT 1* clays are available upon request (no irradiation) and should be mentioned in the price offer. *Our thermal treatment is 100% natural.

REGULATORY INFORMATION

Product not concerned by REACH.

C.M.R. substances: None Allergenic substances: None
 Nanomaterials: None E.S.B., G.M.O, C.O.V.: Not applicable to minerals
 Ingredient not tested on animals

TOXICOLOGICAL AND ECOLOGICAL INFORMATION

For this section, please refer to the MSDS

PRESERVATION, PACKAGING, STORAGE

Preservation: 1 year after opening
 Microbiology: 12-month guarantee for category 2, 6-month guarantee after picking for category 1
 This ingredient is sold in bags and/or big bags
 Store in a dry, well-ventilated and free from any microbiological contamination place