Certificate of Analysis

➢ Product data:

Product name: French Green Clay Ultra Ventilated
Product reference: CLAYFRENGREE
Batch number: 4500107
Best Before End: March 2026

➢ Analysis of the batch :

	Results	Specifications	Method
Physico-chemical analysis			
Aspect	CONFORM	Beige-green powder	*Visual check (compared with a sample test).*
Odour	CONFORM	None	*Smell check (compared with a sample test).*
Humidity	2,87%	< 8%	*Test performed with an Halogen Moisture Analyser METTLER TOLEDO.*
pH	8,53	8 - 9	*NF EN ISO 787-9 T31-235*
Grain sizes	CONFORM	90%<20µm and 100%<40µm	*Test performed with a Mastersizer 2000 (MALVERN) particle size analyzer.*
Guaranteed heavy metals			
Lead (Pb)	CONFORM	< 20 ppm	*Mineralization according to EN15510. Internal method spectrometry A.A. IN 020 20 (Perkin Elmer PinAAcle 900T).*
Arsenic (As)	CONFORM	< 15 ppm	
Cadmium (Cd)	CONFORM	< 0,2 ppm	
Mercury (Hg)	CONFORM	< 0,05 ppm	
Guaranteed microbiological quality			
Ingredient classified in category 2 (according to the notice of the scientific committee of the EU cosmetics products dated 09/23/1998)			
DGAT	CONFORM	< 1000 CFU/g - [CAT 2]	*NF EN ISO 21149*
DMLT	CONFORM	< 100 CFU/g - [CAT 2]	*NF EN ISO 16 212*
Pseudomonas aeruginosa	CONFORM	NONE	*NF EN ISO 21148 and 22717*
Staphylococcus aureus	CONFORM	NONE	*NF EN ISO 21148 and 22718*
Candida albicans	CONFORM	NONE	*NF EN ISO 21148 and 18416*
E. Coli	CONFORM	NONE	*NF EN ISO 21150*

➢ Final check :

Of the goods
- ☑ Quantities
- ☑ References
- ☑ Quality

Of the pallets
- ☑ Protection
- ☑ General Aspect

☑ The batch meets specifications. Product is released.

☐ The batch doesn't meet specifications. But the product is released with the agreement of the customer.

The Quality Service

BiOrigins, 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK
Tel: 01425 655555 Email: technical@madarcorporation.co.uk

Manufacturing Process &
Risk Assessment Specifications

GLOBAL MANUFACTURING FLOW CHART

French Green Clay Ultra Ventilated

1. DEPOSIT
2. MINING PROCESS
3. TRANSPORTING RAW MATERIAL
4. SORTING OUT & STOCKING RAW MATERIAL
6. CRUSHING PROCESS
7. DRYING PROCESS
8. SORTING OUT GRAINS VIA AIR INDUCTION SYSTEM
9. STORING IN SILOS
10. FILLING UP BIG BAGS OR PAPER BAGS
11. STORING THE CLAY
12. DISPATCHING THE CLAY
13. DELIVERING CUSTOMERS

Manufacturing Process &
Risk Assessment Specifications

DETAILING OUR MANUFACTURING PROCESS

1. Our clay deposit is located next to our Supplier's production site.
2. The Supplier mechanically extracts the clay.
3. Dumper trucks are loaded on the deposit and the product is delivered on the production site.
4. Once delivered, the clay is sorted out.
6. The clay undergoes a crushing process that intends not to brake the grain.
7. The clay is dried in a rotary oven.
8. Grains are sorted out according to their size thanks to an air induction system.
9. The clay is first stored in silos.
10. Depending on customers' needs and demands, the clay is stocked in paper bags or big bags.
11. The clay is stored in an closed environment.
12. The clay is dispatched in the warehouse.
13. The clay is delivered to the customer on time.

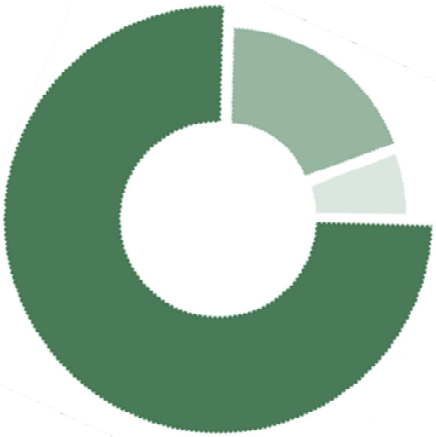
TECHNICAL DATA SHEET

COSMETIC INGREDIENT

In compliance with Regulation (EC) n°1223/2009

Verified by ECOCERT

COSMOS APPROVED



INGREDIENT INFORMATIONS

Trade name :	French Green clay
Reference :	CosGREEN™
Composition :	100% natural mineral product
Origin of the ingredient :	France
Manufacturer :	Argile du Velay, ZA de Nolhac 43350 Saint-Paulien
HSCode :	2508400000

Description of the manufacturing process:

The Velay green clay is mechanically refined, without any chemical process. Bacteria are eliminated by a sophisticated dehydration process. Powder grains are then sorted thanks to an innovative process of selection by induction.

INCI* : Illite 75% ± 10 **N° CAS :** 12173-60-3	**INCI* :** Kaolin 19% ± 5 **N° CAS :** 1332-58-7	**INCI* :** Montmorillonite 6% ± 3 **N° CAS :** 1318-93-0

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

This clay is guaranteed without quartz.

INGREDIENT SPECIFICATIONS

PHYSICO-CHEMICAL ANALYSIS

Aspect	Beige green powder
Odor	None
Humidity (Humidimeter METTLER TOLEDO)	< 8%
pH (Method : NF EN ISO 787-9 & T31-235)	Between 8 and 9
Grain size (Granulometer Mastersizer 2000 Malvern)	I5 : 80% < 5µm 100% < 10µm Ultra-ventilated : 90% < 20µm 100% < 40µm Surfine : 90% < 77µm 100% < 100µm I750 : 90% < 750µm 100% < 1100µm
Oil absorption	Average of 58% ± 10 depending on grain size
Water absorption	Average of 80% ± 10 depending on grain size

MICROBIOLOGICAL ANALYSIS

Ingredient available in category 1 or 2 (According to the ISO 17 516).	Specifications Category 1	Specifications Category 2
Total aerobic mesophilic microorganisms (Aerobic mesophilic bacteria DGAT (NF EN ISO 21149) and Yeasts and molds DMLT (NF EN ISO 16212))	< 100 CFU/g [a]	< 1 000 CFU/g [b]
Pseudomonas Aeruginosa (NF EN ISO 21148 and 22717)	NONE	NONE
Staphylococcus Aureus (NF EN ISO 21148 and 22718)	NONE	NONE
Candida Albican(NF EN ISO 21148 and 18416)	NONE	NONE
Escherichia Coli (NF EN ISO 21148 and 21150)	NONE	NONE

Due to the inherent variability of the enumeration method and according to the USP chap 61 or EP chap 2.6.12, results are out of specs if: [a] *> 200 CFU/g* [b] *> 2 000 CFU/g*

Quotes are by default in category 2. Category 1 (100% natural heat treatment) is available on request and will be clearly identified on the quote.

REGULATORY INFORMATION

Natural cosmetic ingredient in accordance with the ISO 16128-1 / 2016 standards: "Natural ingredient derived from an inorganic substance, naturally occurring in nature, having its own chemical formula and a coherent set of physical properties. "

EUROPEAN COSMETIC REGULATION 1223/2009 OF NOVEMBER 30th, 2009

The CosGREEN™ is not included in the list of banned substances, ref: Annex II Regulation 1223/2009 – Cosmetics products - of the European Parliament and Council, November 30th, 2009. This product can be used in the manufacturing of cosmetics products.

COSMOS/ECOCERT

The CosGREEN™ is COSMOS and ECOCERT certified as a cosmetic ingredient authorized in the manufacturing of natural and organic cosmetics. www.cosmos-standard-rm.org/.

IRRADIATION

The CosGREEN™ does not undergo any irradiation treatment during its manufacturing process.

REACH

This reference is exempted- Annex V, Chapter 7 of the European Regulation 1907/2006 (REACH) - (substance present in nature / substance not chemically modified). No chemical substance, PBT substance (bio accumulative and toxic substances) or any vPvB substances (very persistent and very bio accumulative substance of concern) are in contact with the product during the manufacturing process.

CMR

CosGREEN™ is not classified as CMR (carcinogenic, mutagenic and reprotoxic substances) and no CMR substances are in contact or added during the manufacturing process.

SOLVENT

The CosGREEN™ is from natural origin. No chemical and no solvent are in contact or added during the manufacturing process. It therefore doesn't contain solvent residues.

ALLERGENS

The CosGREEN™ naturally doesn't contain allergens, and no substances are in contact or added during the manufacturing process. It does not contain any allergenic substances listed in Annex III of Regulation 1223/2009 - Cosmetics products - of the European Parliament and of Council of November 30th, 2009.

GMO

The CosGREEN™ is a natural mineral and doesn't contain substances of plant origin. No GMO substances are in contact or added during the manufacturing process.

ESB/TSE

The CosGREEN™ is a natural mineral and doesn't contain animal or human substances, it is not in contact with this type of substances during the manufacturing process. It can not therefore cause transmissible spongiform encephalopathy (ESB / TSE).

SVHC

The CosGREEN™ is a 100% natural mineral. No preoccupating or really preoccupating substances (SVHC) and no preoccupating or really preoccupating chemicals substances defined by the European chemicals agency are used during the manufacturing process.

ANIMAL TESTING

No animal testing has been carried out since 2009, in accordance with Regulation 1223/2009 of the European Parliament and Council of November 30th, 2009 on cosmetic products.

VEGETARIAN / VEGAN

No ingredients from animal origin are in contact or added in the manufacturing process.

HALAL

General guidelines of the FAO (Food and Agriculture Organization of the United Nations) for the use of "Halal" N ° CAC / GL 24-1997 are excluding following products:

* Product of animal origin
* Product of vegetable origin
* Alcoholic and / or intoxicating and dangerous drinks
* Food additives obtained from what is listed in points 1., 2. and 3.

The CosGREEN™ naturally does not contain any prohibited substances listed above. No substances are in contact or added during the manufacturing process, so this reference may be eligible to the Halal certification.

CASHER

The CosGREEN™ is a 100% natural mineral. No additives have been added during the manufacturing process, this mineral can be eligible to get the Casher certification.

NANOMATERIALS

Regulation 1223/2009 of the European Parliament and of Council November 30th, 2009 on cosmetic products defines 'nanomaterials' as: 'insoluble, bio-persistent and intentionally produced with one or more external dimensions at the level of 1 to 100nm'. The CosGREEN™ is not intentionally produced at the nanoparticle scale and therefore complies with Regulation 1223/2009 of the European Parliament and of Council November 30th, 2009 on cosmetic products. And so, CosGREEN™ does not need to be annually declared to the ANSES (decree 2012-232 of 17th, 2012).

CALIFORNIA PROPOSITION 65

Not listed.

NATURALITY INDEX

"A natural ingredient is made from organic substances naturally in Earth having its own chemicals formula and its own physical properties". According to the ISO 16128, clays' characteristics are as following:

* Natural index = 1
* Natural origin index = 1
* Biological index = 0
* Biological origin index = 0

DIOXIN AND PCB

Results are near zero.

HEAVY METALS

The CosGREEN™ is a mineral naturally present in nature, therefore it can contain traces of heavy metals (ppm), tolerated by the European regulation because technically unavoidable. Internal method, sample's mineralization with nitric acid at 5% (EN 15510), measurement carried out by using ICP-OES spectrometry (9820 SHIMAZU).

Antimony Sb < 0.5 ppm	Arsenic As < 17 ppm	Cadmium Cd < 0.5 ppm	Cobalt Co < 7 ppm
Tin Sn < 0.5 ppm	Mercury Hg < 0.05 ppm	Nickel Ni < 20 ppm	Lead Pb < 20 ppm

SAFETY DATA SHEET

In compliance with regulation (EU) 2020/878 of 18 June 2020 amending Annex II of the Regulation (EU) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY:

1.1 PRODUCT

Trade name: French Green Clay

Product code: CosGREEN™

Chemical name: Clay mainly composed of illite, kaolin & montmorillonite

INCI :	***Illite***	***Kaolin***	***Montmorillonite***
CAS# :	12173-60-3	1332-58-7	1318-93-0

1.2 SUPPLIER

Madar Corporation Limited
19 - 20 Sandleheath Industrial Estate
Fordingbridge
SP6 1PA

+ 44 (0) 1425 655 555
technical@madarcorporation.co.uk

1.3 RELEVANT AND UNRECOMMENDED USAGES

Usages *: Cosmetics, pharmaceutics and clay therapy.
Relevant usages : Industrial, professional & personal.
Unrecommended usages: None.

**This list isn't exhaustive*

1.4 EMERGENCY TELEPHONE NUMBER

European emergency number : 112
ORFILA number : + 44 (90)1425 655 555

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE AND LABEL ELEMENTS

Product name	Classification in compliance with the directive 67/548/CEE	Classification in compliance with the Regulation (CE) n°1272/2018 (CPL)	Additional data
Velay Green Clay	Unclassified	Unclassified	No

2.2 MAIN SYMPTOMS

An excessive production of dust may cause slight irritation of the eyes and respiratory tract. No delayed effect has been recorded.

3. COMPONENTS DESCRIPTION

Note: The substance described below is neither a mixture nor a multi-constituent substance (result of a manufacturing process).
It is composed of natural clay.

Product name	REACH registration #*	Mass percentage
Velay Green Clay	Exempt	100%

REACH registration#: the substance is exempted in a compliance with appendix V, chapter 7 of Regulation (EU) ° 1907/2006 (REACH) – (the substance that can be found in nature / chemically non-modified substance).

SAFETY DATA SHEET

In compliance with regulation (EU) 2020/878 of 18 June 2020 amending Annex II of the Regulation (EU) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

4. FIRST AID MEASURES

General information: Have product container, label elements and Safety Data Sheet at hand if medical advice is needed.
After inhalation: The person should be taken outside into the open air, away from dust. Get medical attention if symptoms occur.
After skin contact: If symptoms occur, rinse cautiously with water for several minutes. Get medical attention if symptoms persist.
After eye contact: Rinse cautiously with water for several minutes. Get medical attention if symptoms persist.
After ingestion: Get medical attention if symptoms persist. Do not induce vomitting without medical attention.

5. FIREFIGHTING MEASURES

The product is non-inflammable and non-explosive. No specific firefighting measures is required. No unsuitable extinguishing materials. Not a dangerous substance.

6. SPILL MEASURES

Hoover the spilled product (to avoid raising dust).
Avoid moistening the product (wet clay can be slippery).
Deal with the recovered product as indicated in section 12.
Keep in sealed containers.
Individual measures: in case of dust formation, wear an anti-dust mask type FFP3.
Environnemental measures : environmental information section 10.

7. HANDLING AND STORAGE

7.1 HANDLING

Reduce as much as possible dust formation and use adequate ventilation system. If the ventilation system of the premises is not sufficient, wear a respiratory gear type FFP3. Avoid eye contact. The product can be slippery when wet. The product is non-inflammable. Minimize environmental release, using filters for ventilation systems for example.
Advice on general occupational hygiene: Wash your hands after every use. Remove soiled clothes and protective equipment before getting into a catering area.

7.2 STORAGE

Keep the product in its closed container in a dry and well-ventilated place. Keep the container closed to avoid dust formation.

7.3 SPECIFIC FINAL USE

If you need more details for uses mentioned in section 1.3, contact your supplier.
If you need advice for specifics uses of the product, contact your supplier.

8. EXPOSURE CONTROL

8.1 CONTROL PARAMETERS

Velay Green Clay, CosGREEN™ is considered as dust with no specific effect.

Components	Exposure Limits		Type of value	Source	Biological limit values	Exposure limits in air	DNEL/PNEC Values
Velay Green Clay	10 mg/m3 (inhalable fraction)	5 mg/m3 (alveolar fraction)	VME – 8h	French ministry of Labour – Circular issued by the French Ministry of Labour on May 9th 1985.	N/A	N/A	N/A (Section 2)

For occupational limit values applicable in other countries, please refer to local Regulations.

SAFETY DATA SHEET

In compliance with regulation (EU) 2020/878 of 18 June 2020 amending Annex II of the Regulation (EU) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Recommended follow-up procedures

In order to monitor individual and environmental exposures, the recommended methods are described below:

- A decree issued on December 15th 2009 related to technical controls of occupational limit values at work and to certification standards of control agencies.
- Circular DGT N°2010-03 issued on April 13th 2010 related to chemical risk control measures at work

These standards are applied in France. If you are located in another European country or outside the EU, refer to the competent authorities.

8.2 APPROPRIATE TECHNICAL CONTROLS

Avoid producing dust airbone.

Opt for collective protective equipment in order to avoid creating dust: use closed processes, a well-adapted exhaust ventilation or any other process that can keep airbone concentrations below the specified exposure limits. Organizational measures can be taken such as isolating staff from dust areas for examples.

8.3 INDIVIDUAL PROTECTION MEASURES


Wearing of gloves is advisable.


Wear a FFP3 protection in case of dust.


Wear glasses in case of dust.

9. PHYSICO-CHEMICAL PROPERTIES

Features	*Data*	*Methods*
Physical state	*Solid*	
Appearance	*Powder*	
Colour	*Beige / green*	
Odour	*None*	
Odour threshold	*N/A*	
pH	*8 - 9*	*Measure carried out in compliance with method: NF EN ISO 787-9 T31-235 and pH-measure.*
Melting point	*N/A*	
Freezing point	*N/A*	
Initial boiling point	*N/A*	
Flash point	*N/A*	
Evaporation rate	*N/A*	
Inflammability	*N/A*	
Upper/ lower or explosive limits	*N/A*	
Vapour pressure	*N/A*	
Vapour density	*N/A*	
Relative density	*From 0.4 to 0.95 according to grain size*	*Measure carried out in compliance with the bulk density method: NF T 73-405 (March 1982) or a method from the international norm OCDE 109 (bulk density)*
Particle characteristics	*Size from 0 to 750µm*	*Measure carried out with a granulometer Mastersizer 2000 (MALVERN)*
Solubility in water	*Insoluble*	
Partition coefficient n-octanol/water	*N/A*	
Auto-ignition temperature	*N/A*	
Decomposition temperature	*N/A*	
Viscosity	*N/A*	
Explosive properties	*N/A*	
Oxidising properties	*Non-oxidising*	

SAFETY DATA SHEET

In compliance with regulation (EU) 2020/878 of 18 June 2020 amending Annex II of the Regulation (EU) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

10. REACTIVITY AND STABILITY

Features	*Data*
Reactivity	*Product stable and inert*
Chemical stability	*Product stable*
Dangerous reactions	*N/A*
Avoiding conditions	*N/A*
Incompatible	*N/A*
Products with dangerous decomposition	*N/A*

11. TOXICOLOGICAL INFORMATION :

These tests were carried out before the restriction date on animal testing (03/11/2009) Regulation (CE) N°1223/2009).

TESTS	OCDE N°	Results	Species	Duration of the study	Classification
Acute oral toxicity study	423	DL_{50}=5000mg/kg	Rat	3 hours	Category 5 or unclassified => non toxic
Acute dermal toxicity	402	DL_{50}>2000mg/kg	Rat	14 days of study.	Category 5 => non toxic
Acute inhalation toxicity study	403	DL_{50} 2000 and 5000 mg/kg and CL_{50} =3,856mg/L	Rat	Exposure: 4 hours during 14 days of study.	Category 5 or unclassified =>non toxic
Acute dermal irritation study	404	Not irritating	Rabbit	72 hours after releasing the substance	Unclassified => Non irritating
Acute eye irritation study	405	Non irritating	Rabbit	72 hours after instillation	Unclassified => Non irritating
Skin sensitisation sudy	406	Negative	Guinea pig	48 hours after releasing the substance	Negative
In vitro mammalian chromosome aberration test	473	Negative	In vitro test	21 hours of exposure	Negative
Reverse mutation bacterial test	471	-	Salmonella typhimurium trains	48 Hours	Negative
Reproduction toxicity	Is not classified as hazardous. (No specific data). Natural product.				
Gem cell mutagenicity	Is not classified as hazardous. (No specific data). Natural product.				
Specific target organ toxicity-single exposure	Is not classified as hazardous. (No specific data). Natural product.				
Specific target organ toxicity- repeated exposure	Is not classified as hazardous. (No specific data). Natural product.				
Aspiration toxicity hazard	Is not classified as hazardous. (No specific data). Natural product.				

SAFETY DATA SHEET

In compliance with regulation (EU) 2020/878 of 18 June 2020 amending Annex II of the Regulation (EU) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

12. ECOLOGICAL INFORMATION

12.1 TOXICITY

These tests were carried out before the restriction date on animal testing (03/11/2009) Regulation (CE) N°1223/2009).

TESTS	OCDE N°	Results	Species	Medium	Testing time	Classification
Acute aquatic toxicity test	203	NOEC > 100mg/L ,CL_{50} > 100mg/L	Brachidanio rerio	Aquatic environment	96 Hours	Safe for the environment.
Algal growth inhibition test	201	NOEC>100mg/L	Desmodesmus subspicatus	Aquatic environment	72 Hours	Safe for the environment.
Acute immobilisation test	202	CE_{50}>100 mg/L	Daphnia magna	Aquatic environment	48 Hours	Safe for the environment.
Oral acute toxicity test (side effects)	213	CL_{50}> 100µg/ subject	Apis mellifera mellifera L. (Hymenoptera : apidae)	-	48 Hours	Safe for the environment.
Dermal acute toxicity test (side effects)	214	CL_{50}> 100µg/subject	Apis mellifera mellifera L. (Hymenoptera : apidae)	-	48 Hours	Safe for the environment.

12.2 PERSISTANCE AND DEGRADATION

Stable and non-biodegradable product (inorganic product).

12.3 BIOACCUMULATIVE PERSISTANCE

Non applicable (inorganic product).

12.4 MOBILITY IN SOIL

No specific data

12.5 RESULTS OF PBT AND vPvB

Do not meet the criteria for classification as PBT and/or vPvB found in the list of Appendix XIII of Regulation N°1907/2006 (inorganic product).

12.6 ENDOCRINE DISRUPTING PROPERTIES

None has been reported.

12.7 OTHER ADVERSE EFFECTS

None has been reported.

13. WASTE TREATMENT METHOD

Substance treatment: Waste must be discharged in compliance with local, national regulations and with applicable European standards and guidelines. Waste can be landfilled in compliance with local regulations. Do not dispose of waste into the drains.

Container treatment: Empty the container. Remove and sort out the product.

14. TRANSPORT INFORMATION

UN #	UN proper shipping name	Transport hazard group	Packing group	Environmental hazards	Special precautions for user	Transport in bulk according to appendix II of MARPOL 73/78 and the IBC code
Not listed	No data	Not classified	Not concerned	N/A	See section 7.1	Not concerned

BiOrigins, 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK
Tel: 01425 655555 Email: technical@madarcorporation.co.uk

SAFETY DATA SHEET

In compliance with regulation (EU) 2020/878 of 18 June 2020 amending Annex II of the Regulation (EU) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

15. REGULATORY INFORMATION

15.1 EU REGULATION

The substance is exempt in compliance with appendix V, chapter 7, of the Regulation (CE) n° 1907/2006 (REACH) – (substance that can be found in nature / chemically non-modified substance). The substance is not labeled in compliance with Regulation (CE) N° 1272/2008 and EU.

15.2 NATIONAL DIRECTIVES - FRANCE

No additional information.

15.3 CHEMICAL SECURITY ASSESSMENT

Not applicable : natural mineral origin.

1. OTHER INFORMATION

16.1 VERSION

Reason for updating the earlier version: update in accordance with the new version of regulation (EU) n° 2020/878 of 18/06/20 amending appendix II of regulation (EC) n° 1907/2006, addition of "particles characteristics " in point 9. Physico-chemical properties, addition of point 12.6 Endocrine disrupting properties.

16.2 MEANINGS OF ABBREVIATIONS AND ACRONYMS

CAS	Chemical Abstrate Service
CE	Substances sold in the European market
INCI	Internationnal Nomenclature of Cosmetic Ingredients
REACH	Registration, Evaluation, Autorisation and restriction of CHemicals
DNEL	Derived No-effect Level
CE50	Effective concentration 50 %
CL50	Lethal concentration 50 %
DL50	Lethal dose 50 %
NOEC	No-Observed Effect Concentration
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effet Concentration
SDS	Safety data sheet
vPvB	Very Persistent Substance Very Bioaccumulative

16.3 BIBLIOGRAPHIC REFERENCES

http://echa.europa.eu/

Manufacturer disclaimer

The information given within this SDS is correct to the best of our knowledge, information and belief at the date of its revision and publication. However, the manufacturer makes no representation, warranty or guarantee as to its accuracy, reliability or completeness, nor assumes any liability. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For these and other reasons, we assume no responsibility for any loss, damage or expense caused by or in any way with the handling, storage, use or disposal. This SDS was written for this product only and should be used only for this product. If the product is used as a component of another product, the information may not be applicable.