

Certificate of

	Analysis	
➤ Product data:		
Product name: Product reference:	Green French Clay Ultra Ventilated Clayfrengree	
Batch number:	4572104	

> Analysis of the batch :

March 2028

Best Before End:

	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	2.41%	< 8%	Test performed with an Halogen Moisture Analyser METTLER TOLEDO.				
рН	0.62	8 - 9	NF EN ISO 787-9 T31-235				
Grain sizes	8,62 CONFORM	90%<20μm and 100%<40μm	Test performed with a Mastersizer 2000 (MALVERN) particle size analyzer.				
	Guaran	teed heavy metals					
Lead (Pb)	CONFORM	< 20 ppm					
Arsenic (As)	CONFORM	< 15 ppm	Mineralization according to EN15510.				
Cadmium (Cd)	CONFORM	< 0,2 ppm	Internal method spectrometry A.A. IN 020 20 (Perkin Elmer PinAAcle 900T).				
Mercury (Hg)	CONFORM	< 0,05 ppm	(1 c) kin Elmer 1 maniere 2001).				
Ingradiant classified in catego		icrobiological quality	l cosmetics products dated 09/23/1998)				
		< 1000 CFU/g - [CAT 2]	NF EN ISO 21149				
DGAT	CONFORM	< 100 CFU/g - [CAT 2]	NF EN ISO 21149 NF EN ISO 16 212				
DMLT	CONFORM	NONE	NF EN ISO 10212 NF EN ISO 21148 and 22717				
Pseudomonas aeruginosa	CONFORM		NF EN ISO 21148 and 22718				
Staphylococcus aureus	CONFORM	NONE					
Candida albicans	CONFORM	NONE	NF EN ISO 21148 and 18416				
E. Coli	CONFORM	NONE	NF EN ISO 21150				
➤ Final check :							

E. Coli

CONFORM

NONE

NF EN ISO 21150

Pinal check:

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



GLOBAL MANUFACTURING FLOW CHART

1	• DEPOSIT
2	MINING PROCESS
3	TRANSPORTING RAW MATERIAL
4	SORTING OUT & STOCKING RAW MATERIAL
6	CRUSHING PROCESS
No.	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



DETAILING OUR MANUFACTURING PROCESS

	Our clay deposit is located next to our production site.
	The company mechanically extracts the clay.
2	
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.
Ÿ	The clay is dried in a rotary oven.
*	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 our 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.







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HEADING 1 - IDENTIFICATION OF THE INGREDIENT / COMPANY

1-1 PRODUCT INDENTIFICATION

Trade name: Green French Clay

Chemical name: composed of illite, kaolin and montmorillonite clays.

INCI: Illite Kaolin Montmorillonite

CAS: 12173-60-3 1332-58-7 1318-93-0

1-2 RELEVANT USAGES OF THE SUBSTANCE OR THE MIXTURE AND PROHIBITED USAGES

Ingredient usages*: cosmetic, pharmaceutic, clay therapy, thermals, dietary supplement, horse well-being, additive for animal feed, technological additive, structure complement, mechanical barrier for cultivations, production usable in organic agriculture, drying litter, industrial additive.

Relevant usages: industrial, professional, and personal usages.

Prohibited usage: none.

*This list is not exhaustive

1-3SUPPLIER DATA

Madar Corporation Limited

19 - 20 Sandleheath Industrial Estate

Fordingbridge, SP6 1PA

1-4 EMERGENCY NUMBERS

01425 655 555

HEADING 2 - HAZARD IDENTIFICATION

2-1 CLASSIFICATION OF THE SUBSTANCE OR THE MIXTURE

Product name	Classification in accordance with the 67/548/EEC directive	Classification in accordance with the (EC) n°1272/2008 (CPL) regulation
Velay green clay	Not classified	Not classified

2-2 LABELLING

Not concerned.

2-3 OTHER HAZARD

Other unclassified hazards

Avoid the formation or the diffusion of dust into the atmosphere. The quantity can be highest depending on the granulometry.



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PBT and vPvB

This substance does not contain persistent, bioaccumulative and toxic (PBT) or very persistent, bioaccumulative and toxic (vPvB) ingredients at 0,1% or more.

Endocrine-Disrupting Properties-Toxicity

This substance does not contain components consider as endocrine-disrupting in accordance with REACH, article 57(f), the (EU) 2017/2100 of the commission delegated regulation or the commission regulation (EU) 2018/605 at levels of 0,1 % or more.

Endocrine Disrupting Properties - Ecotoxicity

This substance does not contain components with endocrine disrupting properties according to the REACH article 57(f),), the (EU) 2017/2100 of the commission delegated regulation or the commission regulation (EU) 2018/605 at levels of 0,1 % or more.

This product is not hazardous classified. In accordance with regulations in force, the product does not present any risk for the health or for the environment.

HEADING 3 - COMPOSITION / COMPONENT DATA

Notice: the below substance is neither a mixture nor a substance multi-component. The composition is 100% natural.

Product name	REACH registration number *	Percentage in mass
Velay green clay	Exempted	100%

^{*}REACH registration number: the substance is REACH exempted in accordance with the annex V, chapter 7, of the (EU) regulation, (EC) n°1907/2006 (REACH) - (substance existing in nature / non chemically modified).

HEADING 4 - FIRST AIDS

4-1 FIRST AID INFORMATION

First advice: Have a look to the packaging, the label or the SDS if you need some help.

If inhaled: In case of extreme exposition, go outside away from dust. If symptoms appear ask for medical advice. Contact with eyes: If symptoms appear, rinse off with clear water. If symptoms persist, ask for medical advice. Ingestion: If discomfort appears ask for medical advice. Do not induce vomiting without medical advice. Rescue self-protection: None.

4-2 MAIN SYMPTOMS /ACUTE AND DELAYED EFFECTS

An excessive production of dust can lead to mild irritation (mechanic) of eyes and respiratory depending on individuals. No delayed effects have been reported.

4-3 INDICATION OF IMMEDIATE MEDICAL CARE AND SPECIAL TREATMENT REQUIRED

None, see 4.1.



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HEADING 5 - FIRE-FIGHTING MEASURES

5-1 EXTINGUISHING MEANS

The product is neither flammable nor explosive.

No special fire-fighting measures are required. No appropriate extinguishing means.

5-2 SPECIFIC HAZARDS RESULTING FROM THE SUBSTANCE OR MIXTURE

No hazards are resulting from the substance.

5-3 ADVISE FOR FIREMAN

None.

HEADING 6 - MEASURES TO BE TAKEN IN THE EVENT OF ACCIDENTAL DISPERSAL

6-1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

For non-first aiders and first aiders (in case of large or minor spill)

Avoid dust formation. Avoid inhaling dust. In case of dust wear an FFP3 anti-dust mask.

6-2 PROTECTION OF THE ENVIRONMENT

Precautions to protect the environment: part 12.

6-3 METHODS AND CLEANING/ CONTAINMENT MATERIALS METHODS

Vacuum (to avoid dust lifting) the spilled product. Avoid wetting the product (wet clay becomes slippery). Treat the recovered substance as outlined in Part 13. Store in well closed containers.

6-4 REFERENCES TO OTHER HEADINGS Q

For more information about exposure monitoring and evacuation, see paragraphs 8 and 13.

HEADING 7 - HANDLING AND STORAGE

7-1 PRECAUTIONS TO BE TAKEN FOR SAFE HANDLING

Reduce at the maximum dust production and use the adapted ventilation. Once the warehouse ventilation is not enough, wear a respiratory equipment FFP3 type. Avoid contact with eyes. The material can be slippery once wet. The product is not flammable, no special equipment against fire is required. To reduce the environment dejections, you can for example use ventilation's filters by aspiration.

Do not eat, drink and smock in the working area. Clean hands after using. Take off dirty clothes and protective equipment before entering in an eating area.

7-2 CONDITIONS FOR SAFE STORAGE, INCLUDING POSSIBLE INCOMPATIBILITIES

Keep the product in its packaging, well closed in a well-ventilated and dry place far away from dry. To avoid dust, keep the product closed.



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7-3 SPECIFIC END-USES

None.

HEADING 8 - EXPOSITION CONTROL/ INDIVIDUAL PROTECTION

8-1 PARAMETERS OF CONTROLS

Components	Exposition limit(s)		Exposition limit(s) Type of value	
CLAY	4 mg/m³ (Inhalable fraction)	0.9 mg/m³ (alveolar fraction)	VME – 8hours	Decree N°2021-1763 of 23rd December, 2021

For ambient and individuals' exposures controls, these following methods are recommended:

- Decree of 15th December 2009 on roadworthiness tests of occupational exposure limit values at work and on the conditions for accreditation of bodies responsible for inspections.
- CIRCULAR DGT 2010/03 of 13th April 2010 on the control of chemical risks in the workplace.

These methods are applicable in France. If you are in another country of the European Union or outside of the European Union, please contact the competent authority.

8-2 EXPOSURE CONTROL

8-2-1 RELEVANT TECHNICALS CONTROLS

Reduce at maximum the rate of dust in the atmosphere.

To avoid the dust production, wear a collective protection.

Use closed processes, a relevant ventilation by aspiration or all other process allowing to keep dust suspending below specified exposition's limits.

Organizational measures can be taken, such as isolating dusty areas.

8-2-2 INDIVIDUAL PROTECTIVE MEASURES, INDIVIDUAL EQUIPMENTS

Eyes and face protections: In case of dust production, wear safety glasses.

Skin protection: Wear gloves.

Respiratory protection: In case of dust, wear a respiratory mask FFP3 type.

Thermal Hazards: Not applicable.

8-2-3 ENVIRONMENTAL PROTECTION MEASURES

In case of an accidental spill, see section 6.

During normal use, follow these instructions: Dispose of rinse product or water in accordance with local and national regulations.



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HEADING 9 - PHYSICAL AND CHEMICAL PROPERTIES

9-1 PHYSICAL AND CHEMICAL PROPERTIES- MAIN DATA

Characteristics	Data	Methods
Physical state	Solid	
Appearance	Powder	
Color	Beige-green	
Odor	None	
Odor threshold	NC	
рН	8 - 9	NF EN ISO 787-9 T31-235 and pH- measurement.
Melting point	NC	measurement.
Freezing point	NC	
Initial boiling point	NC	
Flash Point	NC	
Evaporation rate	NC	
Inflammability	NC	
Upper/lower flammability limits or upper/lower explosive limits	NC	
Steam pressure	NC	
Steam density	NC	
Relative density	0.4-0.95 depends on the granulometry.	Measurement conducted by using the bulk density method: based on the international standard OECD 109 (density).
Particles characteristics	0 - 6000 μm	Mastersizer 3000 (MALVERN) granulometer.
Water solubility	Insoluble	
N-octanol/water partition coefficient	NC	
Auto-ignition temperature	NC	
Decomposition Temperature	No available data	
Viscosity	NC	

9-2 OTHER DATA

Characteristics	Data	Methods
Explosive properties	Not explosive	
Oxidizing properties	Not explosive	
Minimal ignition temperature	No measurement	
Corrosion of metals	No measurement	
Evaporation rate	No measurement	

HEADING 10 - STABILITY AND REACTIVITY

Under chapter	Characteristics	Data
10-1	Reactivity	Stable and inert
10-2	Chemical stability	Stable
10-3	Possible dangerous reactions	None known
10-4	Avoiding conditions	None known
10-5	Incompatible materials	None known
10-6	Dangerous products of decomposition	None known



(EU) n°2020/878 of 18th June 2020 update of the annex II (EU) n°1907/2006 of the European parliament and of the Council regarding the registration, the evaluation and the authorization of chemicals substances and restrictions in force (REACH)

HEADING 11 - TOXICOLOGICAL DATA

11-1 INFORMATION ON HAZARD CLASSES AS DEFINED IN REGULATION (EC) NO 1272/2008

Ways of exposition

Inhalation: No way of exposition in case of conform handling. Data of corresponding effects, see below.

Skin contact: Relevant way of exposition. Data on corresponding effects, see below. **Eyes contact:** Relevant way of exposition. Data on corresponding effects, see below.

Ingestion: In case of conform handling, no relevant way of exposition. Data on corresponding effects, see below.

Acute toxicity (identify all possible ways of exposure)

Ingestion: according with available data, not classified as acute toxicity. **Skin contact:** according with available data, not classified as acute toxicity. **Inhalation:** according with available data, not classified as acute toxicity.

Toxicity at repeated dosages: No available data.

Corrosion or skin irritation: No available data.

Severe eye injury or irritation: No available data.

Respiratory or skin sensitization: No available data.

Carcinogenicity: No available data.

Germ Cell Mutagenicity

In vitro: No available data.
In vivo: No available data.

Reproduction toxicity: No available data.

Specific toxicity at the target organ level – Unique exposure: No available data. Specific toxicity at the target organ level- repeated exposure: No available data.

Risk of aspiration: Not classified.

11-2 DATA ON OTHER HAZARDS

Endocrine-disrupting properties: The substance does not contain components considered to have endocrine disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0,1 % or more.

Other hazards: No adverse health effects have been reported from the product when handled properly.



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HEADING 12 - ECOLOGICAL DATA

12-1 TOXICITY

These tests have been carried out before the restrictive date for tests on animals 03/11/2009 ((EC) regulation N° 1223/2009).

TESTS	OECD N°	Results	Species	Study duration	Classification		
Acute oral toxicity	423	DL ₅₀ =5000mg/kg	Rat	3 hours	Category 5 or not		
					classified classifiable		
					=> nontoxic		
Acute dermal toxicity	402	DL ₅₀ >2000mg/kg	Rat	14 days of	Category 5 =>		
				observation	nontoxic		
Inhalation toxicity	403	DL ₅₀ between 2000 and 5000	Rat	Exposure: 4 hours	Category 5 or not		
		mg/kg and		during 14 days of	classified =>nontoxic		
		CL ₅₀ =3,856mg/L		observation.			
Skin irritation test	404	Non-irritating	Rabit	72 hours after	Not classified =>		
				withdrawal of the	non-irritating		
				substance			
Eye irritation test	405	non-irritating	Rabit	72 hours after	Not classified =>		
				instillation	non-irritating		
Skin sensitivity test	406	Negative	Guinea pig	48 hours after	Negative		
				withdrawal the			
				substance			
Chromosomal	473	Does not cause chromosomal	In vitro tests	21 hours of exposure	Does not cause		
aberration test		aberrations.			chromosomal		
					aberrations.		
Bacterial reverse	471	-	Salmonella	48 hours	Negative		
mutation test			typhimurium				
			strains				
Reproductive toxicity		ubject to classification in a particu	•	<u> </u>	•		
Germ cell	Not su	ubject to classification in a particu	lar hazard class (A	Absence of specific data).	Natural product.		
mutagenicity							
Specific target organ	Not subject to classification in a particular hazard class (Absence of specific data). Natural product.						
toxicity – single							
exposure							
Specific target organ	Not su	Not subject to classification in a particular hazard class (Absence of specific data). Natural product.					
toxicity – repeated							
exposure							
Aspiration hazard	Not su	Not subject to classification in a particular hazard class (Absence of specific data). Natural product.					

12-2 PERSISTENCE AND DEGRADABILITY

Stable and not biodegradable (inorganic product).

12-3 BIOACCUMULATION POTENTIALITY

Not applicable (inorganic product).

12-4 MOBILITY IN THE FLOOR

No specific data.

12-5 PBT AND VPVB

This substance does not contain persistent, bioaccumative and toxics (PBT) ingredients or very persistent and very bioccumulative (vPvB) ingredients at 0,1% or more.



(EU) n°2020/878 of 18th June 2020 update of the annex II (EU) n°1907/2006 of the European parliament and of the Council regarding the registration, the evaluation and the authorization of chemicals substances and restrictions in force (REACH)

12-6 ENDOCRINE DISRUPTING PROPERTIES

The substance does not contain components considered to have endocrine disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0,1% or more.

12-7 OTHER ADVERSE EFFECTS

None known.

HEADING 13 - DISPOSAL CONSIDERATIONS

Clay treatment: Waste must be disposed of in accordance with applicable local, national and European legislation. Waste can be landfilled if local regulations allow it. Waste should not be disposed of by discharge into the sewer system.

Packaging treatment: Empty the packaging. Dispose of as an unused product, in curbside recycling.

HEADING14 - TRANSPORT DATA

14-1	14-2	14-3	14-4	14-5	14-6	14-7
UNO number	Exposure name of the United States	Transport Hazard class	Packaging group	Environment hazard	Precautions to be taken by the user	Bulk maritime transport in accordance with IMO instruments
Not classified	No data	Not classified	Not concerned	None	See 7.1	Not concerned

HEADING 15 - REGULATION DATA

15-1 SUBSTANCE/MIXTURE-SPECIFIC SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION

EU. Directive 2012/18/EU (SEVESO III) on the control of major-accident hazards involving dangerous substances, and its amendments: Not applicable.

15-2 CHEMICAL SAFETY ASSESSMENT

No assessment has been carried out for this product (non-applicable mineral natural product).

HEADING 16 - OTHER DATA

Reason for changing from the previous version: Changes from the last version are highlighted in the margin. This version supersedes all previous editions.



(EU) n°2020/878 of 18th June 2020 update of the annex II (EU) n°1907/2006 of the European parliament and of the Council regarding the registration, the evaluation and the authorization of chemicals substances and restrictions in force (REACH)

CAS	Chemical Abstrate Service number.	
EC	7-digit identification number for substances placed on the European market.	
INCI	Internationnal Nomenclature of Cosmetic Ingredients	
REACH	Registration, Assessment, Autorization and restriction of CHemicals	
LNDE	Level with no derived effect	
CE50	Effective Concentration 50 %	
CL50	Lethal Concentration 50 %	
DL50	Lethal Concentration 50 %	
NECO	No effect concentration observed	
PBT	T Persistent, bioaccumulative and toxic	
ENEL	ENEL Expected No Effect Level	
SDS	Safety data sheet	
vPvB	Very persistent and highly bioaccumulative	

http://echa.europa.eu/

Disclamer: Information contained in this fact sheet comes from sources that we believe to be trustworthy. Nevertheless, they are provided without any guarantee, express or implied, of their accuracy. The conditions or methods of handling, storing, using, or disposing of the product are beyond our control and may not be within our control. For these reasons, among others, we accept no liability for any loss, damage or expense caused by or in any way connected with the handling, storage, use or disposal of the product. This SDS has been written and is to be used only for this product. If the product is used as a component of another product, the information contained in the product may not be applicable.

Date de création : 12/03/2024 Version : 1

REGULATORY STATEMENT

Green French Clay

The ISO 16128-1/2016 provides guidelines on definitions for natural cosmetic ingredient: "natural cosmetic ingredients are obtained from inorganic substances, existing in nature, having their own chemical formula and physical properties".

EUROPEAN COSMETICS REGULATION EC 1223/2009 30th NOVEMBER 2009

Our clays aren't listed in the prohibited cosmetic substances list, annex II regulation (EC) No 1223/2009 of the European parliament and of the Council of 30th November 2009. Clays can be used for the manufacture of cosmetics products.

COSMOS/ECOCERT

Our clays are COSMOS and ECOCERT certified and can be used for the manufacture of natural and organic cosmetics products:



IRRADIATION

Irradiation free.

REACH

Our clays aren't REACH concerned according to the annex V, chapter 7, of the European regulation (EC) n° 1907/2006 (REACH) – (naturally occurring substances/not chemically modified substances). No chemical substances, no PBT (persistent bio cumulative and toxic substances), no vPvB (very persistent and very bio accumulative substances) are used and/or are in contact with the product during the manufacturing process.

SOLVENT

Our clays are from natural mineral origin. No chemicals products, no solvents are added and/or in contact with clays during the manufacturing process. Our clays are solvent free.

CMR

Our clays aren't CMR classified (carcinogenic, mutagenic and or toxic to reproduction) in accordance with the (EU) 2023/1490 regulation. CMR substances aren't added and/or in contact with clays during the manufacturing process.

ALLERGENS

Our clays don't contain any allergens or substances added and/or in contact with clays during the manufacturing process. According with the annex III (EC) N° 1223/2009 of the European parliament and of the Council of 30th November 2009 clays are allergens free. Our clays don't contain allergens listed in the 2023/1545 regulation.

GMO

Our clays are from natural mineral origin and don't contain substances from vegetal origin. GMO aren't added and/or in contact with clays during the manufacturing process.

ESB/EST

Our clays are from natural mineral origin and don't contain animal or human substances. No animal or human sustances are added and/or in contact with clays during the manufacturing process. Clays cannot cause cases of transmissible spongiform encephalopathy.

SVHC

Mineral 100% natural. No substances of concern or high concern (SVHC) and no chemical agents of concern or high concern as defined by the European chemical agency have been used during the manufacturing process.

ANIMAL TESTING

In accordance with the European parliament and the Council of 30th, November 2009 (EC) N° 1223/2009, no animal testing has been carried out since 2009.

VEGETARIAN / VEGAN

Ingredients from animal origin aren't added and/or in contact with clays during the manufacturing process.

HALAL

The F.A.O. (Food and Agriculture Organization of the United Nations) provides general guidelines on definitions for the use of the term "Halal". Regulation No. CAC/GL 24-1997 is excluding these following products:

- * Products from animal origin.
- * Products from vegetal origin.
- * Alcoholic and/or dangerous beverages.
- * Food additives obtained from what is listed in points 1., 2. and 3.

Our clays don't contain prohibited cosmetic substances listed below, no substances are added and/or in contact with clays during the manufacturing process. Our clays can be Halal certified.

CASHER

Our clays are from natural mineral origin. No additives are used and/or in contact with clays during the manufacturing process. Our clays can be Casher certified.

NANOMATERIALS

According with the EC 2022/C229/01 of June 14th, 2022, and (EC) N° 1223/2009 of the European parliament and the Council of 30th November 2009 regulations, our clays aren't considered as nanomaterials. Analyzes have been carried out - dry method- no particles below 100nm have been detected.

CALIFORNIA PROPOSITION 65

Not listed.

DIOXINS AND PCB

Nearby zero.

NATURALNESS (ISO 16 128)

"Natural cosmetic ingredients are obtained from inorganic substances existing in nature, having their own chemical formula and physical properties".

Based on the ISO 16128: * Natural = 1

- * Natural origin= 1
- * Organic origin = 0
- * Organic origin = 0

NAGOYA

Our clays are following the Nagoya protocol.

CITES

Our clays aren't listed in the CITES convention.

VOC

Our clays are VOC (volatile organic compounds) free.

Endocrine-Disrupting

Our clays are Endocrine-Disrupting free.

Microplastic

Our clays are microplastic free.

Phtalates

Our clays are phtalates free.



TECHNICAL DATA

COSMETIC INGREDIENT

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





INGREDIENT INFORMATIONS

Green French clay Trade name:

Composition: 10% natural mineral product

Origin of the ingredient: France

HSCode:

2508400000

Description of the manufacturing process:

The 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 in novative process of selection by induction.

INCI*:

Illite 75% + 10 N° CAS: 12173-60-3

INCI*: N° CAS:

Kaolin 19% + 5 1332-58-7

INCI*:

Montmorillonite 6% + 3

N° CAS: 1318-93-0

This clay is guaranteed without quartz.

INGREDIENT SPECIFICATIONS

PHYSICO-CHEMICAL ANALYSIS

Aspect	Beige green powder	
Odor	None	
Humidity	< 8%	
(Humidimeter METTLER TOLEDO)		
рН	Between 8 and 9	
(Method: NF EN ISO 787-9 & T31-235)		
Grain size	I5: D(90): 5μm	
(Granulometer MALVERN)	Ultra-ventilated: D(90): 30µm	
	Surfine: D(90): 80µm	
	1750 : 90% < 750μm	
Oil absorption	Average of 58% ± 10 depending on grain size	
Water absorption	Average of 80% ± 10 depending on grain size	

^{*} The INCl composition above includes a portion of non-clay minerals.

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: $^a > 200 \text{ CFU/g}$ $^b > 2 \text{ 000 CFU/g}$

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.

TOXICOLOGICAL AND ECOLOGICAL INFORMATION

For this section, please refer to SDS001.

EXPIRATION, PACKAGING, STORAGE

Microbiological expiry date depends on the category: Category 1: 6 months after leaving our warehouse Category 2: 18 months after leaving our warehouse After this period of time, this parameter must be rechecked.

This product is packed in paperbag or BIG BAG. Store in a dry, well-ventilated and free from any microbiological contamination place.



DECLARATION

To meet specifications of the cosmetic regulation

We, Certify that all our French clays are:

- C.M.R free,
- Gluten free,
- don't contain allergens with reference to Cosmetic regulation
- Bisphenol free,
- Lactose free,
- Ethanol and Methanol free,
- Palm oil free,
- Latex free,
- Phthalate free,
- Waste solvents free,
- Phenoxyethanol free,
- BSE (bovine spongiform encephalopathy) free
- TSE (Transmissible Spongiform Encephalopathies) free
- GMO free,
- Not tested on the animals,
- **Don't contain nano-materials,** <u>according to the regulations: 1223/2009 and the French decree</u> 2012-232
- Didn't undergo any irradiation or chemical treatment.
- Crystalline Silica Free,

9-6-23



Vegetarian & Vegan Suitability Statement

PRODUCT NAME: French Green Clay

MADAR Corporation Limited can confirm that the above listed product has not been tested in animals and does not contain dairy or any other animal product, by product or derivative and is therefore suitable for vegetarian and vegan use.

09/06/2023