

## CERTIFICATE OF ANALYSIS & SAFETY DATA SHEET

**PRODUCT:** Green Clay  
**INCI:** Illite  
**COUNTRY OF ORIGIN:** France  
**USAGE:** Cosmetic use only

### Physical & chemical data / Specification

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Green to grayish green fine powder	Complies
Odor	Almost odorless	Complies
Powder density	0.40 – 0.60	Complies
Paste density	1.30 – 1.60	Complies
Particle Size	20 µm	Complies
SiO <sub>2</sub>	43.0 % - 50.0 %	Complies
Al <sub>2</sub> O <sub>3</sub>	14.0 % - 17.0 %	Complies
Fe <sub>2</sub> O <sub>3</sub>	5.6 % - 6.2 %	Complies
CaO	8.8 % - 9.4 %	Complies
MgO	2.2 % - 2.4 %	Complies
TiO <sub>2</sub>	0.74 % - 0.80 %	Complies
K <sub>2</sub> O	3.6 % - 4.1 %	Complies
P <sub>2</sub> O <sub>5</sub>	0.08 % - 0.11 %	Complies

### COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Illite	12173-60-3	-	65 % - 75 %
Kaolinite	1318-74-7	-	5.0 % - 15 %
Smectite	-	-	5 % - 10 %

### HAZARDS IDENTIFICATION

#### Emergency Overview

#### GHS Classification:

Not classified as hazardous or dangerous under (EC) #1272/2008, 67/548/EEC or 1999/45-EC

Signal: Warning



#### GHS Label elements, including precautionary statements:

**Hazard statement(s):** Not applicable

**Precautionary statement(s):** Not applicable

## EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Exposure controls:** Occupational exposure control: Install suitable ventilation and filter in places where dust can be generated.

**Respiratory protection:** In case of exposure to dust exceeding the statutory limits, and even in general when handling, wear a respirator complying with national legislation.

**Eye:** Use tightly sealed goggles.

**Skin:** If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

**Respiratory:** If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable dust/particulate filter should be used.

## FIRST AID MEASURES

**Eye contact:** If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for 15 minutes until all contaminants are washed out completely. If symptoms develop and persist seek medical attention.

**Skin contact:** Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

**Inhalation:** The product may contain minute particles of dust. Prolonged inhalation to high concentrations of the dust may affect lung efficiency.

**Ingestion:** Seek medical attention or contact local poison control center.

## PHYSICAL AND CHEMICAL PROPERTIES

Solubility                                  Insoluble in water

## HANDLING AND STORAGE

**Precautions for safe handling:** It is recommended that all dust control equipment and material transport systems involved in the handling of this product contain explosive relief vents.

**Conditions for safe storage, including any incompatibilities:** Provide local exhaust or general room ventilation to minimize dust and/or vapor concentrations. Keep container closed when not in use.

## FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Use extinguishing media that are suitable for the surrounding combustible material.

**Unsuitable extinguishing media:** Water spray, Water jet

**Special protective equipment and precautions for fire-fighters:** Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

**Resulting gases:** Carbon oxides

## ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment, and emergency procedures:** Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

**Environmental precautions:** Prevent entry to sewers and public water. Notify authorities if product enters sewers or public waters.

**Methods and materials for containment and cleaning up:** To prevent the formation of dust, avoid dry sweeping, use vacuum or cleaning systems with water spray.

## STABILITY AND REACTIVITY

**Reactivity:** This material presents no significant reactivity hazard.

**Chemical stability:** Chemically stable.

**Possibility of hazardous reactions:** Hazardous polymerization will not occur.

**Conditions to avoid:** Extremes of temperature, dust accumulation and direct sunlight.

**Incompatible materials:** Not available

**Hazardous decomposition products:** Thermal decomposition may result in the release of toxic and/or irritating fumes.

## TOXICOLOGICAL INFORMATION

**Acute toxicity:** Not available.

**Respiratory or skin sensitization:** Prolonged exposure to dust can cause respiratory effects.

**Inhalation:** Inhalation may cause the drying and irritation of the respiratory system. Repeated, prolonged or concentrated inhalation may cause delayed lung disorders.

**Skin contact:** Adverse skin effects should be prevented by normal care and personal hygiene.

**Eye contact:** Eye contact may cause irritation.

**Ingestion:** Ingestion may irritate the gastric tract causing nausea and vomiting.

## ECOLOGICAL INFORMATION

**Ecotoxicity:** Avoid any pollution of ground, surface or underground water.


**Persistence and degradability:** Not available

**Bio - accumulative potential:** Not available.

**Mobility in soil:** Not available.

**Other adverse effects:** Not available.

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Online Boutique Director's

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