



1. PRODUCT AND COMPANY IDENTIFICATION

Product name	: Green Clay
INCI name	: Illite or Montmorillonite
CAS #	: N/A
Country of Origin	: France
Product Use	: Technological additive, cosmetics, treatments by clay, agriculture (bio), animal hygiene, others...
Supplier	: Laptop Warriors Media Inc. DBA NamaClay
Address	: 6174 Mystic Way, Nanaimo, BC V9V 1M7
Telephone number	: 1-800-532-1922
Emergency phone number	: (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. HAZARDS INFORMATION

Emergency Overview

GHS Classification

Serious eye damage/eye irritation – Category 2B

Specific Target Organic toxicity – single exposure – Category 3

GHS Label elements, including precautionary statements



Signal: Warning

Hazard statement(s)

H320	: Causes eye irritation.
H335	: May cause respiratory irritation.

Precautionary statement(s)

P260	: Do not breathe / dust / fumes / gas / mist / vapours / spray.
P261	: Avoid breathing dust / fumes / gas / mist / vapours / spray.
P271	: Use only outdoors or in a well-ventilated area.
P304+P340	: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P312	: Call a POISON CENTER / doctor / if you feel unwell.
P403 + P233	: Store in a well ventilated place. Keep container tightly closed.
P405	: Store locked up.
P501	: Dispose of contents / container according to local regulations.

3. COMPOSITION / INFORMATION INGREDIENTS

Natural mixture of clays mainly composed of illite, montmorillonite and kaolinite

Clay	CAS #
Illite	106958-53-6
Montmorillonite	1318-93-0
Kaolinite	1318-74-7

4. FIRST AID MEASURES

Eye Contact	: Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.
Skin Contact	: Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.
Inhalation	: If inhaled, removed to fresh air. Get medical attention if symptoms appear.
Ingestion	: Seek medical attention or contact local poison control center. Do not induce vomiting without medical attention.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media	: Not relevant.
Specific hazards	: None. Non-flammable and non explosive product.

6. 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 waters. Notify authorities if product enters sewers or public waters.
Methods and materials for containment and cleaning up	: To prevent the formation of dust, sweep or vacuum.

7. HANDLING AND STORAGE

Precautions for safe handling	: Avoid generating and spreading dust. Avoid inhalation of dust.
Conditions for safe storage, including any incompatibilities	: Store in a cool and dry location in packaging. Spilled material (both wet and dry) may cause slippery conditions. Care should be exercised when walking on spills.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure controls	: Use exhaust ventilation, if required, to maintain dust concentration below regulatory limits. Exposure limit value: 10mg/m ³ (inhalable fraction)
Eyes	: Use tightly sealed goggles.
Skin	: If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.
Respiratory	: In case of insufficient ventilation, wear respiratory equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Solid powder – Beige / Greenish
Odor	: Odorless.
pH	: 8-9.5
Solubility	: Insoluble in water.
Density	: 400-950 g/l depending on granulometry

10. STABILITY AND REACTIVITY

Reactivity	: This material presents to significant reactivity hazard.
Chemical stability	: Chemically stable.
Possibility of hazardous reactions	: Hazardous polymerization will not occur.
Conditions to avoid	: None.
Incompatible materials	: None.
Hazardous decomposition products	: No risk of decomposition.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	: Not available
Respiratory or skin sensitization	: Prolonged exposure to dust can cause respiratory effects.
Inhalation	: May cause mild irritation
Skin contact	: Adverse skin effects should be prevented by normal care and personal hygiene.
Eye contact	: Eye contact may cause irritation.

Toxicological Tests	OEDC N	Results	Test Year	Classification
Acute oral toxicity study	423	LD ₅₀ =5000mg/kg	2008	Category 5: unclassified
Acute dermal toxicity study	402	LD ₅₀ >2000mg/kg	2008	Category 5: unclassified
Acute inhalation toxicity study	403	LD ₅₀ between 2000 and 5000 mg/kg LD ₅₀ = 3,856mg/L	2008	Category 5: unclassified
Acute dermal irritation study	404		2008	Not classified as skin irritant.
Acute eye irritation study	405		2008	Not classified as an eye irritant.
Skin sensitisation study	406		2008	Not considered as positive.
In vitro mammalian chromosome aberration test	473		2011	No chromosomal aberration potential
Micronucleus test	474		2011	No micronucleus induction potential
Bacterial reverse mutation test	471		2011	Non-mutagenic

12. ECOLOGICAL INFORMATION

Results of PBT evaluation	: Persistent, bioaccumulative, toxic for the environment: Not relevant.
Persistence and degradability	: Stable and non-degradable product.
Bio – accumulative potential	: Not relevant.
Mobility in soil	: Non mobile.
Other adverse effects	: None.

Ecotoxicity Tests	OEDC N	Results	Test Year	Classification
Acute toxicity and growth inhibition tests	203	NOEC > 100mg/l CL ₅₀ > 100mg/l	2008	Safe for the environment
Acute toxicity and growth inhibition tests	201	NOEC>101 mg/l	2008	Safe for the environment
Acute immobilisation test	202	EC ₅₀ >100 mg/l	2008	Safe for the environment
Oral limit test (side effects)	213	LD ₅₀ > 100 ug/topic	2008	Safe for the environment
Contact limit test (side effects)	214	LD ₅₀ >100 ug/topic	2008	Safe for the environment

13. DISPOSAL CONSIDERATION

Dispose of product in accordance with local, city or provincial and federal regulations. Check with local municipality authority to ensure compliance. This product isn't considered as hazardous waste.

14. TRANSPORT INFORMATION

ONU Number : Not listed.
Class : Unclassified.
Other useful information : Unregulated transportation

15. REGULATORY INFORMATION

TSCA : On TSCA inventory.
California Proposition : Contains substance identified in the revised list of the California Safe Cosmetic program SB 484 (as stated in Proposition 65 revised list): TRACE HEAVY METALS.
GHS Hazard Statements : See Section 2.
GHS Precautionary Statements : See Section 2.

16. DISCLAIMER AND CAUTION

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