

SAFETY DATA SHEET (SDS)

Version 2.0

Revision Date : April 21, 2022

Print Date : April 27, 2024

1. PRODUCT AND COMPANY IDENTIFICATION

| | | |
|------------------------|---|----------------------------------------------------------|
| Product name | : | French Clay - Yellow |
| INCI name | : | Illite |
| CAS # | : | 12173-60-3 |
| Country of Origin | : | France |
| Product use | : | Domestic and Industrial |
| Supplier | : | New Directions Aromatics Inc. |
| Address | : | 6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9 |
| Fax | : | 905-362-1926 |
| Telephone number | : | 905-362-1915 |
| Emergency phone number | : | (613)-996-6666 CANUTEC 24 HOUR EMERGENCY |

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Not classified as hazardous or dangerous under (EC) No 1272/2008, 67/548/EEC or 1999/45-EC.

GHS Label elements, including precautionary statements

Signal: Danger

Hazard statement(s)

Not applicable.

Precautionary statement(s)

Not applicable.

3. COMPOSITION / INFORMATION INGREDIENTS

| Product Name | CAS NO | EC NO | Concentration |
|--------------|------------|-------|---------------|
| Illite | 12173-60-3 | - | 100 % |

4. 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.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing media that are suitable for the surrounding combustible materials.

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.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Avoid the generation of airborne dust, wear protective equipment in compliance with area regulations.

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, avoid dry sweeping, use vacuum or cleaning systems with water spray.

7. 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.

Install suitable exhaust ventilation in places where airborne dust is generated. If there is insufficient ventilation, wear suitable respiratory equipment.

Conditions for safe storage, including any incompatibilities

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure controls

Quartz: average exposure = 0.1 mg/m³ alveolar dust: mandatory limit.

Kaolin: average exposure = 10mg/cm³: indicative limit.

The staff must wear appropriate work clothing regularly cleaned and a protective mask.

Eyes

Use tightly sealed goggles.

Skin

Workers suffering from dermatitis or sensitive skin are advised to use appropriate protection.

Respiratory

Avoid the inhalation of dust. Use FFP type mask. Wear a single-use half-masks to filter out dust.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|------------|---|------------------------------------------|
| Appearance | : | Yellow to tan colored fine loose powder. |
| Odor | : | Almost odorless. |
| pH | : | Not available. |

| | | |
|------------------|---|-----------------------|
| Relative density | : | 2.6 g/cm ³ |
| Solubility (ies) | : | Insoluble in water. |

10. 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

None.

Incompatible materials

Not available.

Hazardous decomposition products

No risk of decomposition.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Silica dust can cause irritation of eyes and pulmonary tract.

Chronic toxicity

Silica dust can cause lung damage: silicosis.

Respiratory or skin sensitization

Prolonged exposure to dust can cause respiratory effects.

Inhalation

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

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.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Avoid any pollution of ground, surface or underground water.

Persistence and degradability

This product is not biodegradable.

Bio - accumulative potential

Not available.

Mobility in soil

Not available.

Other adverse effects

Not available.

13. DISPOSAL CONSIDERATION

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

14. TRANSPORT INFORMATION

US DOT Shipping Description (Land)

Not regulated

IMO-IMDG Shipping Description (Sea)

Not regulated

IATA Shipping Description (Air)

Not regulated

15. REGULATORY INFORMATION

California Proposition 65

This product can expose you to trace heavy metals, which are known to the State of California to cause reproductive harm or cancer. For more information go to www.P65Warnings.ca.gov.

16. OTHER INFORMATION

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Disclaimer & Caution

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