

**SAFETY DATA SHEET (SDS)**

Version 2.0

Revision Date : April 21, 2022

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## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	French Clay - Red
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: Not applicable

### 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

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### 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

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### 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

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### 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 vapour concentrations. Keep container closed when not in use.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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### Exposure controls

Quartz: average exposure = 0.1 mg/m<sup>3</sup> alveolar dust: mandatory limit.

Kaolin: average exposure = 10mg/cm<sup>3</sup>: indicative limit.

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

### 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 suitable respiratory equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	:	Reddish brown fine loose powder.
Odor	:	Almost odorless.
pH	:	6.3 - 7.3

Melting Point/Freezing Point	:	About 1200°C
Relative density	:	0.9 - 1.2 kg/dm <sup>3</sup>
Solubility (ies)	:	Insoluble in water.

## 10. STABILITY AND REACTIVITY

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### 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

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### 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

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### 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

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

## 14. TRANSPORT INFORMATION

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### US DOT Shipping Description (Land)

Not regulated

### IMO-IMDG Shipping Description (Sea)

Not regulated

### IATA Shipping Description (Air)

Not regulated

## 15. REGULATORY INFORMATION

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### 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](http://www.P65Warnings.ca.gov).

## 16. OTHER INFORMATION

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### Disclaimer & Caution

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