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 Rd., Mississauga, ON L5T 2G9 Canada
Fax : 905-362-1926
Telephone number : 905-362-1915
Emergency phone number : (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. HAZARDS IDENTIFICATION

Emergency Overview

WHMIS Classification
Not a WHMIS controlled product.

GHS Classification
Serious eye damage/eye irritation - Category 2B
Specific Target Organic toxicity - single exposure - Category 3
Specific Target Organ toxicity - repeated exposure - Category 1

GHS Label elements, including precautionary statements

Signal : Danger
Hazard statement(s)
H320 Causes eye irritation.
May cause respiratory irritation.

Causes damage to organs through prolonged or repeated exposure.

Precautionary statement(s)

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P284 In case of inadequate ventilation, wear respiratory protection.

HMIS Classification & Potential Health Effects

**Inhalation**
Dust may cause respiratory tract irritation.

**Eyes**
Causes eye irritation

**Ingestion**
May be harmful if swallowed.

### 3. COMPOSITION / INFORMATION INGREDIENTS

<table>
<thead>
<tr>
<th>Product Name</th>
<th>CAS NO</th>
<th>EC NO</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>SiO2</td>
<td>49 - 54%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Al2O3</td>
<td>16 - 20%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fe2O3</td>
<td>3.6 - 6.0%</td>
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</tbody>
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### 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.

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

WHMIS Classification
Not WHMIS controlled.

California Proposition 65
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. OTHER INFORMATION

Revision date       : January 27, 2016

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