



# NEW DIRECTIONS AROMATICS

## MATERIAL SAFETY DATA SHEET

### 1.1 Product Identification:

Product Name: **French Clay – Pink**  
INCI Name: Kaolin – Illite (red clay)  
CAS #: 1332-58-7  
County of Origin: France

### 1.2 Company Identification: Importer/Seller

Address: New Directions Aromatics  
6781 Columbus Road, Telephone No: 905-362-1915  
Mississauga, Ontario FAX: 905-362-1926  
L5T 2G9, Canada

**24 HOUR EMERGENCY TELEPHONE NUMBER: (613)-996-6666 CANUTEC**

### 2. Composition/Information on Ingredients:

Silica (SiO<sub>2</sub>) approx. 51% Al<sub>2</sub>O<sub>3</sub> approx. 32%

### 3. Hazards Identification:

Xi - irritant

Eyes: May irritate eyes with contact.

Skin: Prolonged or repeated contact can cause irritation although these cases are extremely rare.

Inhalation: Inhalation of dust may irritate mucus membranes.

Ingestion: Non-toxic. May cause constipation if large amounts are ingested. **Risk of falls and Slips** – Dampening floors while cleaning clay area may render it extremely slippery. Dry cleaning is recommended if working in the area will continue.

### 4. First Aid Measures:

**Eye contact:** Flush with water for at least 15 minutes, lifting upper and lower eyelids. Call physician immediately.

**Inhalation:** Remove to fresh air. Seek medical attention if breathing becomes difficult.

**Ingestion:** Drink water and consult a physician if large amount ingested. Never give anything by mouth if victim is unconscious, is rapidly-losing consciousness, or is convulsing.

**Skin contact:** Remove contaminated clothing. Wash with soap and plenty of water.

### 5. Fire Fighting Measures

Not considered a fire hazard. Non-combustible. Not considered to be an explosion hazard. Use any means necessary for extinguishing surrounding fire.

### 6. Accidental Release Measures:



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**Spillage:** Use appropriate tools to put spilled solid in waste disposal container, and dispose according to local and regional regulations. Finish cleaning with water.

Wear a protective mask.

**Environment:** Keep large amounts away from drains, surface and ground water. Small amounts of residue may be flushed with plenty of water down sewer. Dispose in accordance with local, provincial and federal regulations.

### 7. Handling and Storage

**Avoid Dust formation.**

**Handling:** Use safety goggles. Handle in a well ventilated area, and avoid breathing in dust particles.

**Storage:** Store in cool, dry, well ventilated area.

### 8. Exposure Controls:

Exposure Limits not available. Follow the regulations for dust and crystalline silica. Use safety goggles and maintain an eye wash station in the area. Handle in a well ventilated area, and avoid breathing in dust particles. Use face mask if necessary. Skin protection not necessary.

### 9. Physical & Chemical Properties:

|                                                 |                                       |
|-------------------------------------------------|---------------------------------------|
| Appearance:                                     | Pastel Pink colored fine loose powder |
| Odor:                                           | Almost odourless.                     |
| Particle Size:                                  | 20µm                                  |
| pH:                                             | ~ 7.90 @ 20 °C                        |
| Bulk Density:                                   | 0.60 g/cm <sup>3</sup>                |
| Flash point:                                    | inflammable                           |
| Humidity Rate:                                  | 5 - 6 %                               |
| Silica (SiO <sub>2</sub> ):                     | ~ 49.3 %                              |
| Alumina (Al <sub>2</sub> O <sub>3</sub> ):      | ~ 32.0 %                              |
| Ferric Oxide (Fe <sub>2</sub> O <sub>3</sub> ): | ~ 2.7 %                               |
| Lime (CaO):                                     | ~ 1.22 %                              |
| Magnesia (MgO):                                 | ~ 0.80 %                              |
| Soda (Na <sub>2</sub> O):                       | ~ 0.13 %                              |
| Potash (K <sub>2</sub> O):                      | ~ 2.45 %                              |
| Titanium (TiO <sub>2</sub> ):                   | ~ 0.15 %                              |

### 10. Stability and Reactivity:

Stable under ordinary conditions of use and storage.

Hazardous polymerization will not occur.

### 11. Toxicology Information:



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Not available.

### **12. Ecological Information:**

Environmental Fate: No information found.

Environmental Toxicity: No information found.

### **13. Disposal Considerations:**

Save whatever possible for recovery and recycle. Keep remainder away from drains, surface and ground water. Waste should be disposed according to local and regional regulations.

### **14. Transport Information:**

Not regulated.

### **15. Regulatory Information:**

**WHMIS (Canada):** not controlled under WHMIS.

**HMIS (USA):** N/A

Hazards: Xi Risk Phase: R36 May irritate eyes.

Safety Phases: S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

### **16. Other Information:**

**Packaging:** Glass, Mild Steel HPPE F/HDPE Other Plastic

**Shelf Life:** When stored within advised conditions retest after 2 years, then 6 monthly intervals up to a maximum of 15 years.

### **Q.C. Requirements**

In line with general product specification. Always satisfy suitability for specific applications.

Revision Date: September 2011

### **SECTION: 17. DISCLAIMER**

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#### **New Directions Aromatics Inc.**

6781-Columbus Road, Mississauga. L5T 2G9 Canada

Tel: (905) 362-1915

Fax: (905) 362-1926

[www.newdirectionsaromatics.com](http://www.newdirectionsaromatics.com)



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## CERTIFICATE OF ANALYSIS

**Product:** French Clay- Pink  
**Lot No:** 21004-A12  
**Manufacture Date:** March 2010  
**Retest Date:** March March 2013

| <b>Properties</b>     | <b>Specifications:</b>           | <b>Results:</b> |
|-----------------------|----------------------------------|-----------------|
| <b>Appearance:</b>    | Pastel Pink colored fine powder. | Complies        |
| <b>Odor:</b>          | Almost odourless.                | Complies        |
| <b>Particle Size:</b> | 20µm                             | Complies        |
| <b>pH:</b>            | ~ 7.90 @ 20 °C                   | Complies        |
| <b>Bulk Density:</b>  | 0.60 g/cm <sup>3</sup>           | Complies        |
| <b>Humidity Rate:</b> | 5 – 6 %                          | Complies        |

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