



NEW DIRECTIONS AROMATICS

MATERIAL SAFETY DATA SHEET

1.1 Product Identification:

Product Name: **French Clay – Green**
Trade Name: Green illite clay
CAS #: 12173-60-3
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:

Illite: 65 – 75%
Kaolinite ($\text{Al}_2\text{Si}_2\text{O}_5(\text{OH})_4$) 5 – 15 %
Silica (SiO_2) approx. 60% Al_2O_3 approx. 20%

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.



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6. Accidental Release Measures:

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:	Yellow to tan colored fine loose powder
Odor:	Almost odourless.
Particle Size:	20µm
pH:	~ 7.90 @ 20 °C
Apparent Density:	1.8 – 1.9 g/cm ³
Real Density:	2.4 – 2.8 g/cm ³
Flash point:	inflammable
Water Soluble:	Insignifigant
Silica (SiO ₂):	~ 42.5 %
Alumina (Al ₂ O ₃):	~ 14.3 %

10. Stability and Reactivity:

Stable under ordinary conditions of use and storage.

Hazardous polymerization will not occur.

11. Toxicology Information:

No acute toxicity known.

Prolonged and excessive exposure may result in silicosis. Respect the limitations of the industry.



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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. Avoid dust spreading.

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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CERTIFICATE OF ANALYSIS

Product: French Clay- Green
Lot No: 21002-A12
Manufacture Date: June 2010
Retest Date: December 2013

Properties	Specifications:	Results:
Appearance:	Yellow to tan colored fine powder.	Complies
Odor:	Almost odourless.	Complies
Particle Size:	20µm	Complies
pH:	~ 7.90 @ 20 °C	Complies
Bulk Density:	0.60 g/cm ³	Complies
Humidity Rate:	5 – 6 %	Complies

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