



NEW DIRECTIONS

A R O M A T I C S

MATERIAL SAFETY DATA SHEET

SECTION: 1.1 PRODUCT IDENTIFICATION

Product Name: Australian- Red Reef Clay
INCI Name: Kaolin
CAS #: 1332-58-7
County of Origin: Australia

SECTION: 1.2 COMPANY IDENTIFICATION

Company: New Direction Aromatics Inc.
Address: 6781-Columbus Road, Mississauga. L5T 2G9 Canada
Telephone No: 905-362-1915
FAX: 905-362-1926

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

SECTION: 2. COMPOSITION / INFORMATION INGREDIENTS

Component	Wt. %	CAS Number	EINECS Number	Classification
Silica (SiO ₂) approx.	51%	7631-86-9(60676)	N/A	N/A

SECTION: 3. HAZARDS IDENTIFICATION

Appearance: Reddish fine Powder:
Primary route of Entry: Skin contact, skin absorption, eye contact, ingestion
Hazard Classification: None
Target Organs: Eye, skin and lungs
Medical condition aggravated by Exposure: Skin contact may aggravate existing dermatitis. Breathing excessive quantities of Kaolin dust may aggravate pre-existing respiratory conditions.
Potential Health Effects
Eye Contact This product may produce irritation upon contact with eye.
Skin Contact Prolonged and repeated exposure may cause skin irritation. Clay is not expected to be absorbed through the skin in harmful amounts or to produce an allergic skin reaction.
Ingestion No adverse effect is expected. If ingested seek medical advice
Inhalation Inhalation of excessive quantities of Kaolin dust may irritate the respiratory tract. Prolonged exposure to irrespirable Kaolin dust without use of appropriate equipment could adversely affect respiratory function including fibrogenic response.
Sub-chronic, Chronic: None expected. No applicable information was found concerning any potential health effects resulting from sub-chronic or chronic exposure to Kaolin.

SECTION: 4. FIRST AID MEASURES

Eye Contact: Contact with eyes can produce burning sensation. Flush with water immediately; continue flushing eyes with water for 15 minutes. Seek medical attention if irritation persists.
Inhalation: Remove to fresh air.
Ingestion: Rinse mouth; dilute with milk or water and consult a physician immediately. Do not induce vomiting. Never-give anything by mouth if victim is unconscious, is rapidly-losing or is Convulsing.
Skin Contact: Skin contact can produce irritation, or itching of the skin. Remove contaminated clothing Wash with soap and plenty of water. Seek medical attention if irritation persists.



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SECTION: 5. FIRE FIGHTING MEASURES

Flash Point:	Not Applicable
Explosion data	Not explosive
Extinguishing media:	None
Special Procedures:	N/A
Unusual Firefighting Hazards:	None identified.
Protective Equipment:	Self-contained breathing apparatus and protective clothing
Combustion Product:	N/A

SECTION: 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Use of proper respirator or breathing apparatus is recommended for any major chemical spill.
Safety Precautions:	Minimize dust generation & accumulation
Spills:	Spill may cause slippery conditions when wet. Care should be exercised when walk on floor. No neutralizing chemical is required. Material is inert and non-reactive.
Methods For Cleaning Up:	Contain and collect and place in suitable container for disposal. Comply with all federal, state, and local regulation. Wipe small spills with cloth. Clean with hot water and detergent.

SECTION: 7. HANDLING AND STORAGE

Handling:	Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used.
Storage:	Containers should be kept closed in order to minimize contamination. Store in a cool, dry, well ventilated place protected from light.

SECTION: 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes Protection:	The use of safety glasses is recommended. If a material is to be handled in a manner where splashing may occur, the use of splash goggles or face shield is recommended
Respiratory Protection:	In well- ventilated areas, respiratory protection is not normally required. In confined, poorly ventilated areas the use of "NIOSH" approved respiratory protection normally required (use only if trained in proper use and with acceptable oxygen level).
Protective Gloves:	Using chemical resistant gloves is recommended.
Protective Clothing:	Using chemical resistant clothing is recommended.
Protective Equipment:	Standard and acceptable industrial hygiene practices should be maintained.

SECTION: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Reddish fine Powder
Odor:	Odorless
Solubility:	Insoluble in water
Specific Gravity:	~2.6
Melting Point:	>1500 °C
Particle Size:	NLT 90% > 38µm
pH:	~ 7.90 @ 20 °C
Bulk Density:	0.60 g/cm ³



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SECTION: 10. STABILITY AND REACTIVITY

Stability:	Chemically stable. This material presents no significant reactivity hazard.
Conditions to Avoid:	None
Materials to Avoid:	Strong oxidizing agents.
Flammability:	None
Hazardous Polymerization:	Will not occur.
Hazardous Combustion or Decomposition Products:	None known. No hazardous decomposition

SECTION: 11. TOXICOLOGICAL INFORMATION

Inhalation:	Inhalation of high concentrations of dust may result in asthmatic and respiratory conditions
Skin Contact:	Repeated or prolonged contact can cause redness, irritation and scaling of skin (Dermatitis). Adverse skin effects should be prevented by normal care and personal hygiene
Eye Contact:	May irritate eyes.
Ingestion:	No adverse effect expected when ingested
Medical Conditions Aggravated by Exposure:	May aggravate dermatitis, psoriasis and other skin conditions.
Chronic Toxicity:	None expected. No applicable information was found concerning any potential health effects resulting from sub-chronic or chronic exposure to Kaolin.
Carcinogenicity Data:	None of the components of this material are listed as a carcinogen.
Reproductive Toxicity:	No adverse effects on reproduction are known.
Acute Toxicity Values:	No data is currently available.

SECTION: 12. ECOLOGICAL INFORMATION

Very toxic to aquatic organism may cause long-term adverse effects in the aquatic environment. Avoid any Spill or pollution of ground, surface or underground water. Check local regulations

SECTION: 13. DISPOSAL CONSIDERATION

Incineration or sanitary landfill in accordance with local, provincial and federal regulations. Check with disposal expert to insure compliance

SECTION: 14. TRANSPORT INFORMATION

US DOT Shipping Description:	Not Regulated, Check appropriate authority
IATA Shipping (Air):	Check appropriate authority
IMDG Shipping Description:	Check appropriate authority

SECTION: 15. REGULATORY INFORMATION

WHMIS (Canada):	N/A
HMIS (USA):	Health Hazard -1; Fire Hazard - 0; Reactivity - 0
SARA Title III Section 302	This material does not contain extremely hazardous substances subject to reporting requirements of section 302.
EU Classes and Risk Phrases for reference:	No information is available



MATERIAL SAFETY DATA SHEET

SECTION: 16. OTHER INFORMATION

Revision Date: July 15, 2011

SECTION: 17. DISCLAIMER

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CERTIFICATE OF ANALYSIS

PRODUCT: Australian- Red Reef Clay
LOT NO: 21016-A02

Properties	Specifications:	Results
Appearance:	Reddish brown colored fine powder.	Complies
Odor:	Almost odorless.	Complies
pH:	~ 7.90 @ 20 °C	Complies
Bulk Density:	0.60 g/cm ³	Complies
Specific Density:	2.69 g/cm ³	Complies
Moisture Content:	NMT 2.0 %	Complies
Loss on Ignition:	NMT 15 %	Complies

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