



# Material Safety Data Sheet

## CANADIAN NEPHELINE SYENITE

**Infosafe™** LPVXI **Issue Date** November 2011 **Status** ISSUED by BS: 1.16.5  
**No.** SIBELCO

**Not classified as hazardous according to criteria of NOHSC**

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** CANADIAN NEPHELINE SYENITE  
**Company Name** SIBELCO AUSTRALIA LIMITED  
**Address** 49-55 Woodlands Drive Braeside  
 Vic 3195  
**Emergency Tel.** 1800 638 556  
**Telephone/Fax Number** Tel: (03)9586 5400  
 Fax: (03)9586 5413  
**Recommended Use** Used as a filler in paints and plastics, and as a flux in ceramics.

<b>Other Names</b>	<b>Name</b>	<b>Product Code</b>
	MINEX SERIES	
	SPECTRUM SERIES	

**Additional Information** Manufacturer:  
 Unimin Corporation  
 258 Elm Street  
 New Cannan, CT 06840  
 USA

### 2. HAZARDS IDENTIFICATION

**Hazard Classification** NON-HAZARDOUS SUBSTANCE.  
 NON-DANGEROUS GOODS.

Not Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).  
 Not Classified as Dangerous Goods according to the Australian

Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

**Safety Phrase (s)** S22 Do not breathe dust.  
S38 If insufficient ventilation, wear suitable respiratory equipment.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Nepheline syenite	37244-96-5	100 %

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### 4. FIRST AID MEASURES

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**Inhalation** If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.

**Ingestion** Do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.

**Skin** Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

**Eye** If dust in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist seek medical attention

**First Aid Facilities** Eyewash and normal washroom facilities.

**Advice to Doctor** Treat symptomatically.

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### 5. FIRE FIGHTING MEASURES

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**Suitable Extinguishing Media** Use appropriate fire extinguisher for surrounding environment.

**Hazards from Combustion Products** Non combustible material.

**Precautions in connection with Fire** Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

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### 6. ACCIDENTAL RELEASE MEASURES

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**Emergency Procedures** Increase ventilation. Evacuate all unprotected personnel. Wear sufficient respiratory protection and full protective clothing to prevent exposure. Sweep up material avoiding dust generation or dampen spilled material with water to avoid airborne dust, then transfer material to a suitable container. Wash surfaces well with soap and water. Seal all wastes in labelled plastic containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

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## 7. HANDLING AND STORAGE

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**Precautions for Safe Handling** Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of dust in the work atmosphere. Avoid inhalation of dust, and skin or eye contact. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

**Conditions for Safe Storage** Store in a cool, dry, well-ventilated area. Protect containers/bags from damage. Avoid generation of dust.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**National Exposure Standards** No exposure standards have been established for this material, however, the TWA National Occupational Health And Safety Commission (NOHSC) exposure standards for dust not otherwise specified is 10 mg/m<sup>3</sup>. TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

**Biological Limit Values** No biological limits allocated.

**Engineering Controls** Use with good general ventilation. If dust is produced local exhaust ventilation should be used.

**Respiratory Protection** If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable dust/particulate filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

**Eye Protection** Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

**Hand Protection** Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken.

Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

**Body Protection** Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	White powder
<b>Odour</b>	Odourless
<b>Melting Point</b>	1220°C
<b>Boiling Point</b>	Not applicable
<b>Solubility in Water</b>	Insoluble
<b>Specific Gravity</b>	2.61
<b>pH Value</b>	Not available
<b>Vapour Pressure</b>	Not applicable
<b>Vapour Density (Air=1)</b>	Not applicable
<b>Evaporation Rate</b>	Not applicable
<b>Flash Point</b>	Not applicable
<b>Flammability</b>	Non combustible
<b>Auto-Ignition Temperature</b>	Not applicable
<b>Flammable Limits - Lower</b>	Not applicable
<b>Flammable Limits - Upper</b>	Not applicable
<b>Kinematic Viscosity</b>	Not applicable

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## 10. STABILITY AND REACTIVITY

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**Chemical Stability** Stable under normal conditions of storage and handling.

**Conditions to Avoid** Dust accumulation.

<b>Incompatible Materials</b>	Not available
<b>Hazardous Decomposition Products</b>	Not applicable
<b>Hazardous Reactions</b>	Not applicable
<b>Hazardous Polymerization</b>	Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Toxicology Information</b>	No toxicity data available for this product.
<b>Inhalation</b>	Inhalation of dusts may irritate the respiratory system.
<b>Ingestion</b>	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
<b>Skin</b>	Skin contact may cause mechanical irritation resulting in redness and itching.
<b>Eye</b>	Eye contact may cause mechanical irritation. May result in mild abrasion.
<b>Chronic Effects</b>	Repeated, prolonged or concentrated inhalation may cause lung disorders. Breathing of dust may cause shortness of breath, and aggravate asthma and inflammatory or fibrotic pulmonary disease.

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## 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	No ecological data are available for this material.
<b>Persistence / Degradability</b>	Not available
<b>Mobility</b>	Not available
<b>Environment Protection</b>	Prevent this material entering waterways, drains and sewers.

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## 13. DISPOSAL CONSIDERATIONS

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<b>Disposal Considerations</b>	The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.
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## 14. TRANSPORT INFORMATION

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**Transport Information** Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

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## 15. REGULATORY INFORMATION

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**Regulatory Information** Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia. Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**Poisons Schedule** Not Scheduled

**AICS (Australia)** All components of this product are listed on the Australian Inventory of Chemical Substances (AICS) or exempted.

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## 16. OTHER INFORMATION

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**Date of preparation or last revision of MSDS** MSDS Reviewed: November 2011  
Supersedes: November 2006

**Contact Person/Point** Emergency Advice: ACOHS ERS - 1800 638 556 (24 Hours)

**PLEASE NOTE:**

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End of MSDS

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