

**Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (as Used on Label and List)

**Potassium Magnesia Sulfate**

*Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.*

**Section I**Manufacturer's name **North Country Organics**Emergency Telephone Number **802-222-4277**

Address (Number, Street, City, State and ZIP Code)

Telephone Number for Information **802-222-4277****203 Depot Street, PO Box 372**Date Prepared **5/4/2012****Bradford, Vermont 05033**

Signature of Preparer (optional)

**Section II—Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity, Common Name(s))

OSHA PEL

ACGIH TLV

Other Limits Recommended

% (optional)

Generally Regarded as Safe (GRAS)

**Section III—Physical/Chemical Characteristics**

Boiling Point

N/A

Specific Gravity (H<sub>2</sub>O = 1)

1.6

Vapor Pressure (mm Hg)

N/A

Melting Point

972°C

Vapor Density (AIR = 1)

N/A

Evaporation Rate (Butyl Acetate = 1)

N/A

Solubility in Water **24.4%**Appearance and Odor **White to gray, crystalline to granular****Section IV—Fire and Explosion Hazard Data**Flash Point (Method Used) **N/A**

Flammable Limits

LEL

UEL

Extinguishing Media **N/A**

Special Fire Fighting Procedures

N/A

Unusual Fire and Explosion Hazards

N/A

(Reproduce locally)

OSHA 174 Sept. 1985

**Section V—Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	Yes	

Incompatibility (*Materials to Avoid*) Avoid contact with hot nitric acid. Avoid contact with other strong acids, as may cause chloride gas. NaCl reacts with noble metals. A potentially explosive reaction may occur if NaCl is mixed with dichloromaleic anhydride and urea.

Hazardous Decomposition or Byproducts Combustion can yield oxides of sulfur when heated above 1000°C

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	Yes	

**Section VI—Health Hazard Data**

Route(s) of Entry Inhalation? N/A Skin? Yes Ingestion? Yes

Health Hazards (*Acute and Chronic*)

Mild irritation from overexposure to dust may occur. Ingestion of large amounts will cause nausea. Will irritate eyes.

May irritate skin.

Carcinogenicity NTP? IARC Monographs? OSHA Regulated?

Not known. Inadequate data

Signs and Symptoms of Exposure

Ingestion: nausea, diarrhea, abdominal pain, dehydration, hypertension; Skin: rash, itch; Eyes: burning irritation; Nose and throat: irritation.

Medical Conditions Generally Aggravated by Exposure

N/A

Emergency and First Aid Procedures

Remove to fresh air; wash thoroughly; wash eyes; Ingestion: give large amounts of water and then induce vomiting. See physician.

**Section VII—Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled

Use conventional housekeeping methods

Waste Disposal Method

Use conventional housekeeping methods. Keep in accordance with State and Federal regulations.

Precautions to Be Taken in Handling and Storing

Keep material in a dry area. Avoid moisture.

Other Precautions

**Section VII—Control Measures**

Respiratory Protection (*Specify Type*) Use NIOSH approved respiratory apparatus, filter type 95 (R or P)

Ventilation	Local Exhaust	Recommended	Special
	Mechanical ( <i>General</i> )		Other

Protective Gloves Recommended Eye Protection Tight fitting goggles

Other Protective Clothing or Equipment N/A

Work/Hygienic Practices