



SAFETY DATA SHEET NATURE'S THAW

NFPA Classification	
	Flammability Reactivity Specific Hazard
Health	

SECTION I - MATERIAL IDENTIFICATION AND USE

Supplier: NSC MINERALS LTD. 2241 Speers Avenue Saskatoon, Saskatchewan Canada S7L 5X6	Emergency Telephone Numbers: (306) 934-6477 (888) 668-7258
Chemical Name: NaCl ₂ Sodium Chloride, Salt KCl ₂ Potassium Chloride, Potash	Chemical Family: Inorganic Salts
Product Use: Deicing	Trade Name: Nature's Thaw

SECTION II - HAZARDOUS INGREDIENTS

Contains no hazardous ingredients as defined in OSHA 2 Tables or the Canadian WHMIS Regulations

SECTION III - PHYSICAL DATA

Physical State Solid	Odour and Appearance White/Pink Crystals, Odourless	Odour Threshold Not Available
Boiling Point 1465°C	Solubility In Water 35.7g/100g at 0°C	Specific Gravity 1.233mt/m ³ (77lb/ft ³)

SECTION IV - FIRE AND EXPLOSION HAZARDS

Flammability Non Flammable	Means of Extinction Non Combustible
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SECTION V - REACTIVITY DATA

Chemical Stability Stable	Incompatible Materials Bromine trifluoride or trichloride potassium dichromate and sulfuric acid. Potassium Permanganate, or hot nitric acid
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SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry - Eye, skin contact, inhalation, ingestion

Effects of Acute Exposure:

- Eye** - May cause irritation, redness, and conjunctivitis
- Skin** - May cause irritation and dermatitis
- Inhalation (of dust)** - May cause respiratory tract irritation
- Ingestion** - May cause gastrointestinal irritation, nausea, vomiting, weakness, insomnia, cardiac arrhythmia

Effects of Chronic Exposure:

Excessive inhalation of mineral dust for very long periods of time, may cause industrial bronchitis, reduced breathing capacity, and increase susceptibility to other lung diseases. Repeated and prolonged exposure may produce target organ damage- May be toxic to blood and cardiovascular system

Irritancy May Cause Irritation	Respiratory Tract Sensitization No Data Available	Mutagenicity No Data Available
Teratogenicity No Data Available	Carcinogenicity Non-Hazardous By WHMIS Criteria	Reproductive Effects Mutagenic for mammalian somatic cells, bacteria and/or yeast

SECTION VII - PREVENTIVE MEASURES

Personal Protective Equipment:

- Gloves** - Not required but recommended
- Footwear** - Normal
- Respiratory** - Wear CSA/NIOSH/MSHA approved respiratory protection
- Clothing** - Normal
- Eyes** - Safety glasses recommended

Leak and Spill Procedures Use broom or dry vacuum to collect material for reuse or proper disposal. Rinse area with water. Prevent large spills from entering sewers and waterways.

Waste Disposal Dispose of in accordance with all applicable Federal, Provincial, State and local Environment Regulations.

Storage Requirements Store in dry area, preferably below 70% relative humidity.

SECTION VIII - FIRST AID MEASURES

Skin	Wash with soap and water. Cover irritated skin with an emolient. Seek medical attention if condition persists
Eyes	Flush with large amounts of water for at least 15 minutes. Seek medical attention if irritation persists
Inhalation	If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention. If there is breathing difficulty provide oxygen, If not breathing begin CPR. Seek medical attention
Ingestion	Drink large quantities of water to dilute. Contact poison control. Do not induce vomiting unless directed to by poison control. Bring to the attention of a physician.

SECTION IX - PREPARATION OF MATERIAL SAFETY DATA SHEET

Prepared By: NSC MINERALS LTD.	Date Prepared: July 2016
Phone Number of Preparer: (306) 934-6477	

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