

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Name: Hot Salt Parking Lot Mix
Product Use: Ice and snow melter
WHMIS Class: Class D - Division 2B
TDG Classification: Not Regulated
Supplier: Hot Salt LLC
Address: P.O. Box 235
West Springfield, MA, 01090
Telephone: 1-413-739-3341

Manufacturer: Contact supplier

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

Emergency Phone: 1-413-739-3341

SECTION II - INGREDIENT INFORMATION

<u>Ingredients</u>	<u>CAS#</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>	<u>LC₅₀</u>	<u>LD₅₀</u>
Calcium chloride	10043-52-4	4 - 13	5 mg/m ³ TWA	Not available	1000 mg/kg oral, rat
Magnesium chloride	7786-30-3	1 - 5	10 mg/m ³ TWA	Not available	4000 mg/kg oral, rat
Potassium chloride	7447-40-7	0.1 - 1	10 mg/m ³ TWA	Not available	383 mg/kg oral, mouse
Sodium chloride	7647-14-5	80 - 100	10 mg/m ³ TWA	>21000 mg/m ³ 4 h, rat	3000 mg/kg oral, rat

SECTION III - PHYSICAL DATA

Boiling Point (°C): Not applicable
Vapour Pressure (mm Hg): Not applicable
Vapour Density (Air = 1): Not applicable
Solubility in Water: Complete
Physical State: Solid
Appearance; Odour: Off-white flakes; odourless

Specific Gravity (H₂O = 1): Not available
% Volatile (Wt %): Not available
Evaporation Rate (Ether = 1): Not applicable
pH (100%): Not available
Viscosity: Not applicable
Odour Threshold (ppm): Not available

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Not flammable by WHMIS criteria.
Flash Point (°C, TCC): None
LEL: Not applicable
UEL: Not applicable
Hazardous Combustion Products: May include and are not limited to hydrogen chloride, chlorine, oxides of calcium, oxides of potassium.
Autoignition Temperature (°C): Not applicable
Means of Extinction: Treat for surrounding material.
Special Fire Hazards: Firefighters should wear self-contained breathing apparatus.

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability: Stable.
Incompatible Materials: Acids, oxidizers.
Reactivity, and Under What Conditions: Not available.
Hazardous Decomposition Products: May include and are not limited to hydrogen chloride, chlorine, oxides of calcium, oxides of potassium when heated to decomposition.

=====
SECTION VI - TOXICOLOGICAL PROPERTIES
=====

Route of Entry: Eye, Skin contact, Inhalation, Ingestion.

EFFECTS OF ACUTE EXPOSURE:

Eye: May cause irritation.

Skin: May cause irritation.

Inhalation (dust): May cause respiratory tract irritation.

Ingestion: May cause stomach distress, nausea or vomiting. May cause serum acidosis.

EFFECTS OF CHRONIC EXPOSURE:

Skin: Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Irritancy: Hazardous by WHMIS criteria.

Respiratory Tract Sensitization: No data available.

Carcinogenicity: Non-hazardous by WHMIS criteria.

Teratogenicity, Mutagenicity, Reproductive Effects: No data available.

Synergistic Materials: Not available.

=====
SECTION VII- PREVENTATIVE MEASURES
=====

Gloves: Rubber gloves. Confirm with a reputable supplier first.

Eye Protection: Safety glasses.

Respiratory Protection: Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

Other Protective Equipment: As required by employer code.

Engineering Controls: General ventilation normally adequate. Local exhaust recommended for dusts.

Leak and Spill Procedure: Before attempting clean up, refer to hazard data given above. Use broom or dry vacuum to collect material for proper disposal without raising dust. Rinse area with water. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

Waste Disposal: Review federal, provincial, and local government requirements prior to disposal.

Storage and Handling Requirements: Keep out of reach of children. Store in a closed container away from incompatible materials.

=====
SECTION VIII - FIRST AID
=====

Eye: Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

Skin: Brush away excess of dry material. Flush with water. Obtain medical attention if irritation persists.

Inhalation: If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

=====
SECTION IX - PREPARATION INFORMATION
=====

Date: 2004/11/15

MSDS Prepared by: Dell Tech Laboratories Ltd.

Telephone: 1-519-858-5021

Disclaimer

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-905-572-4400) or CSST in Montreal, Quebec (514-873-3990).