



MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT INFORMATION

PRODUCT NAME:	Winter Storm Magnesium Chloride
SHIPPING NAME:	Not regulated
WHMIS CLASS:	Not controlled
MANUFACTURER NAME & ADDRESS:	IMC Salt Inc. 8300 College Blvd., Overland Park, Kansas 66210
MSDS PREPARED BY:	Dell Tech Laboratories Ltd. 100 Collip Circle, London, Ontario N6G 4X8 (519) 858-5021
PREPARATION DATE:	July 31, 2001
EMERGENCY:	CHEMTREC (800) 424-9300

SECTION II - COMPOSITION

Chemical Identity	CAS#	Wt %	ACGIH TLV/ OSHA PEL	LC ₅₀	LD ₅₀
Magnesium chloride hexahydrate	7791-18-6	60 - 100	10 mg/m ³ TWA	Not available	8100 mg/kg oral, rat

SECTION III - HAZARDOUS INGREDIENTS

<p>None of the ingredients are classified as a hazardous materials by the criteria of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and the Controlled Products Regulations (WHMIS).</p> <p>No ingredients are listed on SARA Title III, Section 313.</p> <p>DOT/TDG HAZARD - Non Hazardous</p>

SECTION IV - PHYSICAL DATA

MELTING POINT:	160°C/320°F
BOILING POINT:	Not available
VAPOR PRESSURE:	Not available
% NON-VOLATILES (VOL.):	Not available
SOLUBILITY (H ₂ O):	Complete
SPECIFIC GRAVITY (H ₂ O=1):	1.56
EVAPORATION RATE (ETHER=1):	Not applicable
VAPOR DENSITY (AIR=1):	Not available
ODOR:	None
APPEARANCE:	White-grey granules
pH (10%):	Not available

SECTION V - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	None
FLAMMABLE LIMITS:	Not applicable
EXTINGUISHING MEDIA:	Non-combustible. Use extinguishing media appropriate for surrounding fire.
FIRE & EXPLOSION HAZARDS:	None
FIRE FIGHTING EQUIPMENT:	Wear positive pressure, self-contained breathing apparatus.

SECTION VI - REACTIVITY DATA

STABILITY:	Stable
INCOMPATIBILITY:	Acids, strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	May include and are not limited to hydrogen chloride when heated to decomposition.
HAZARDOUS POLYMERIZATION:	Will not occur.

SECTION VII - HEALTH HAZARD DATA

EYE:	May cause temporary irritation.
SKIN:	Contact with abraded skin may cause irritation.
INHALATION:	Dust may cause nose, throat and respiratory tract irritation.
INGESTION:	Large doses may cause stomach distress, nausea or vomiting.
CARCINOGENICITY:	Not hazardous.
REPRODUCTIVE TOXICITY/TERATOGENICITY:	No data available.

SECTION VIII - FIRST AID

EYES:	Immediately flush with cool water. Remove contact lenses if applicable, and continue rinsing for 15 minutes. Obtain medical attention if irritation persists.
SKIN:	Wash with soap and water. Obtain medical attention if irritation persists.
INHALATION:	Not a normal route of exposure. If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
INGESTION:	In case ingested in large amount, obtain medical attention. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

SECTION IX - PREVENTATIVE MEASURES

VENTILATION:	Not normally required.
RESPIRATORY PROTECTION:	Not normally required.
SKIN PROTECTION:	Gloves recommended but not required.
EYE PROTECTION:	Safety glasses.
SPILL OR LEAK:	Use broom or dry vacuum to collect material for proper disposal. Rinse area with water.
WASTE DISPOSAL:	Review federal, state, provincial and local governmental requirements prior to disposal.
STORAGE AND HANDLING:	Keep away from incompatible materials.

	HMS	NFPA
Health	0	0
Flammability	0	0
Reactivity	0	0
PPE	A	

HMS		NFPA
Severe	4	Extreme
Serious	3	High
Moderate	2	Moderate
Slight	1	Slight
Minimal	0	Insignificant
	A	Safety glasses

Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. This information herein is given in good faith, but no warranty of any kind is expressed or implied. Consult IMC Salt for further information. This MSDS meets the requirements specified in 29CFR 1910.1200. Customers are responsible for compliance with local, state/provincial and federal regulations that may be pertinent in the storage, application and disposal of this product.