

PAGE 1

MATERIAL SAFETY DATA SHEET

ABBREVIATIONS:

NA = NOT APPLICABLE

ND = NOT DETERMINED

NE = NOT ESTABLISHED

HEALTH

FLAMMABILITY

REACTIVITY

= 1

= 1

= 0

PERSONAL PROTECTION = B

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME: R.I.M. (Revere Ice Melter)

PRODUCT TYPE: Chloride Salt

REVERE PRODUCTS

4529 INDUSTRIAL PARKWAY

CLEVELAND, OHIO 44135 TELEPHONE: (800) 321-1976

EMERGENCY TELEPHONE (800) 535-5053

INFOTRAC

DATE PREPARED: 1/29/99

PREPARED BY: GSS

D.O.T. SHIPPING NAME Ice Melting Compound

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME:	CAS NO.	SUGGESTED EXPOSURE LIMITS	% W
Calcium Chloride	10043-52-4	10 mg/m ³	90-97
Sodium Chloride	7647-14-5	10 mg/m ³	1-2
Potassium Chloride	7447-40-7	10 mg/m ³	2-3
Strontium Chloride	10476-85-4		0-1
Water	7732-18-5		

* SUBJECT TO REPORTING REQUIREMENTS OF SARA TITLE III SECTION 313, 40 CFR 372

SECTION 3 - PHYSICAL DATA

BOILING POINT (° F) NΑ

SPECIFIC GRAVITY: 2.2

VAPOR PRESSURE: Negligible MELTING POINT: 1424° F VAPOR DENSITY: NA EVAPORATION RATE (BUAC=1): N A

SOLUBILITY IN WATER: SOLUBLE pH: UNKNOWN

APPEARANCE/ODOR: WHITE TO OFF-WHITE PELLETS, NO ODOR

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED): N A

FLAMMABILITY LIMITS: LEL NA

UEL |

EXTINGUISHING MEDIA: THIS MATERIAL DOES NOT BURN.

SPECIAL FIRE FIGHTING PROCEDURES: NONE KNOWN FOR THIS PRODUCT.

UNUSUAL FIRE FIGHTING AND EXPLOSION HAZARDS: NONE KNOWN.

SECTION 5 - REACTIVITY DATA

STABILITY: STABLE, HYGROSCOPIC CONDITIONS TO AVOID: NONE KNOWN

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

INCOMPATIBILITY: CORROSIVE TO SOME METALS. HYDROGEN MAY BE GENERATED FROM CONTACT WITH ZINC OR SODIUM. AVOID CONTACT WITH SULFURIC ACID. HEAT IS GENERATED WHEN MIXED WITH WATE

HAZARDOUS DECOMPOSITION BYPRODUCTS: DOES NOT DECOMPOSE.

SECTION 6 - HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION? YES SKIN? YES INGESTION? YES HEALTH HAZARDS (ACUTE AND CHRONIC): DUST MAY CAUSE SEVERE EYE IRRITATION. CORNEAL INJURY POSSIBLE. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION. INHALATION OF DUST M IRRITATE UPPER RESPIRATORY TRACT. INGESTION MAY CAUSE GASTROINTESTINAL IRRITATION OR ULCERATION.

NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO CARCINOGENTIY:

SIGNS AND SYMPTOMS OF EXPOSURE: IRRITATION OF EYES AND RESPIRATORY TRACT FROM DUST.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE KNOWN.

EMERGENCY AND FIRST AID PROCEDURES: ON SKIN: WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEE A DOCTOR. IN EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES, SEE A PHYSICIAN. INHALED: REMOVE PERSON TO FRESH AIR. CONSULT A PHYSICIAN. IF INGESTED: DO NOT INDUCE VOMITING. CALL A DOCTOR OR POISON CONTROL CENTER IMMEDIATELY.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR LEAKED: REMOVE FREE MATERIAL TO A SECURE CONTAINER. FLUSH RESIDUE WITH WATER.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDER REGULATIONS.

PRECAUTIONS TO BE TAKEN IN STORAGE AND HANDLING: DEVELOPS HEAT WHEN DISOLVED IN WATER. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. STORE IN A DRY AREA.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: USE AN APPROVED DUST RESPIRATOR IF NEEDED.

VENTILATION:

LOCAL EXHAUST AS REQUIRED.

SPECIAL

MECHANICAL OTHER

EYE PROTECTION: CHEMICAL GOGGLES PROTECTIVE GLOVES: CLOTH OR PLASTIC OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NORMAL APPLICATION DOES NOT REQUIRE SPECIAL CLOTHING.

WORK/HYGENIC PRACTICES: WASH HANDS AFTER USING. .