

MATERIAL SAFETY DATA SHEET

SECTION I: MATERIAL IDENTIFICATION AND USE

MATERIAL NAME: LiquiThaw Crystals, Treated Salt, Pre-wetted Salt
CLASSIFICATION WHMIS: not controlled
PACKING GROUP: Not Established
PRIMARY TDG: Not regulated
NAME AND ADDRESS
Maine Salt Company, 677 Cold Brook Road Hermon, ME 04401
EMERG. PHONE: (800) 424-9300
CHEMICAL NAME: Sodium Chloride, Magnesium Chloride, Inhibitors
CHEMICAL FAMILY: Halite
CHEMICAL FORMULA: NaCl 92% + MgCl₂ 15% + Brewers Condensed Solids
TRADE NAME & SYNONYMS: LiquiThaw Crystals
MOLECULAR WEIGHT: 58.5
MATERIAL USE: De-icing

SECTION II: HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY: Non-hazardous Chemical
CONCENTRATION%: N/A CAS#: 7647-14-5
PIN#: N/A LD50: N/A LC50: N/A

SECTION III: PHYSICAL DATA

PHYSICAL STATE: solid
ODOR & APPEARANCE: brownish green granular material with beer like odor
ODOR THRESHOLD (PPM): Not Established
SPECIFIC GRAVITY: 2.2
VAPOR PRESSURE (MM): 2.4
VAPOR DENSITY (AIR=1): Not Established
FREEZING POINT (°C) : Not Established
SOLUBILITY IN WATER (20°C): Soluble in water
% VOLATILE by VOLUME: Not Established pH: Not Established
COEFFICIENT OF WATER: Not applicable

SECTION IV: FIRE & EXPLOSION HAZARD

FLAMMABILITY: none
IF YES UNDER WHAT CONDITION?
MEANS OF EXTINGUISHING: Not Applicable
SPECIAL PROCEDURES: Not Applicable
FLASH POINT (°C) & METHOD: Not Established
UPPER EXPLOSION LIMIT (% BY VOLUME): Not Applicable
LOWER EXPLOSION LIMIT (% BY VOLUME): Not Applicable
AUTO IGNITION TEMPERATURE (°C): Not Applicable
SENSITIVITY TO MECHANICAL IMPAC: None
SENSITIVITY TO STATIC DISCHARGE: None

SECTION V: REACTIVITY DATA

CHEMICAL STABILITY: Stable
IF NO UNDER WHAT CONDITIONS? Not Applicable
INCOMPATIBILITY TO OTHER SUBSTANCES: Yes

IF SO, WHICH ONES: Concentrated acids, sulfuric or nitric
REACTIVITY UNDER WHAT CONDITIONS?: Not Applicable
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrochloric acid

SECTION VI: HEALTH HAZARDS

ROUTE OF ENTRY: Skin contact and Ingestion
EFFECT OF ACUTE EXPOSURE TO MATERIAL:
Mildly toxic by ingestion, may cause slight irritation to eyes or skin, ingestion of large amount may cause vomiting
EFFECT OF CHRONIC EXPOSURE TO MATERIAL: Not Established
EXPOSURE LIMITS: Not Established
SYNERGISTIC MATERIALS: Not Established
IRRITANCY OF MATERIAL: Not Established
SENSITIVITY OF MATERIAL: does not occur
CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY: Not Established

SECTION VII: PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:
GLOVES: rubber glove and boots
EYE: Safety goggles
RESPIRATORY: Wear NIOSH approved dust respirator
OTHER: none
ENGINEERING CONTROL VENTILATION, SPECIFY: None
LEAK AND SPILL PROCEDURE:
Shovel up dry chemical and place in metal or plastic drum with cover.
WASTE DISPOSAL:
Dispose of material in government approved landfill site in accordance with local laws
HANDLING PROCEDURES & EQUIPMENTS:
Wash skin and equipment with water
STORAGE REQUIREMENTS: Store in cool dry area.
SPECIAL SHIPPING INFORMATION:
No special shipping procedures necessary

SECTION VIII: FIRST AID MEASURES

INHALATION: Remove victim to fresh air
INGESTION: Give 2-4 glasses of water, induce vomiting. Seek medical attention immediately
EYE CONTACT: Immediately flush eyes with water for 15 minutes, seek medical attention
SKIN CONTACT: Remove from skin by wiping and washing thoroughly with water

SECTION IX: PREPARATION DATE OF MSDS

PREPARED BY TELEPHONE PREP DATE SUPERSEDES

Meltsnow.com 508-520-3900 December 20004 None

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SECTION IX: PREPARATION DATE OF MSDS

PREPARED BY	TELEPHONE	PREP DATE	SUPERSEDES
Maine Salt Company	207-848-3796	October 2007	None

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