

M D I C E M E T M D

Review and update this document annual as outlined by OSHA regulations and your safety plan.

PRODUCT & COMPANY IDENTIFICATION

Identity (As Used on Label and List): ICE MELT
 Product Class: Ice melt
 Emergency Telephone Number: 651-227-8331
 Telephone Number for Information: 651-227-8331
 Manufacturer's Name and Address:
 Needels Supply Inc.
 444 Wacouta Street
 Saint Paul, MN 55101

Date Prepared 01-10-2008

SECTION II COMPOSITION INFORMATION ON IN REDIENT

Hazardous Components (Specific Chemical Identity):

Chemical	Common Name(s)	OSHA PEL	AG GIH	Other Comments
A	Calcium Chloride CAS# 10043-52-4	15mg/m ³	15m g/m ³	
B	Sodium Chloride CAS# 7647-14-5	5mg/m ³	5mg /m ³	
C	Potassium Chloride CAS# 7447-40-7	10mg/m ³	10m g/m ³	
D	Strontium Chloride CAS#1047 6-85-4	NA	NA	
E	Water CAS# 7732-18-5	NE	NE	

SECTION III PHYSICAL CHARACTERISTICS

Solubility in Water: Very Soluble
 Appearance and Odor: Odorless white to off white, solid pellets, power or briquettes

SECTION I FIRE HAZARD MEASURE

Flammability: Autoignition
 Temperature:
 Flash Point (method used): None
 Flammable Limits: NA LEL: NA UEL: NA
 Extinguishing Media As appropriate to adjacent fire

Water?	Foam?	Water Fog?	Alcohol Foam?
CO ₂ ?	Dry Chemical?	Vaporizing Liquid?	Other?

Special Fire Fighting Procedures: Wear positive pressure self contained breathing apparatus.
 Unusual Fire and Explosion Hazards: None
 TDG Flammability Classification:
 Sensitivity to Mechanical Impact: No
 Sensitivity to Static Discharge: No

SECTION TA I LITY AND REACTI TY

Stability: Unstable: Stable: X
 Decomposes at 400 Deg. F
 Conditions to Avoid: Damp Storage areas
 Incompatibility (materials to avoid): With sulphuric acid yields hydrogen chloride gas, with water generates considerable heat.
 Metals slowly corrode in aqueous calcium chloride solutions.
 Hazardous Decomposition or By-products: NA

Hazardous Polymerization: May occur: Will not occur: X Conditions to Avoid: .

SECTION I HEALTH HAZARD DATA & FIRST AID MEASURES

Primary Hazards: Possible eye or skin irritation on contact.
 Potential Health Hazards
 Route(s) of Entry: Skin Absorption: No Ingestion: No Inhalation: No
 Eye: Flush with water for at least 15 minutes, get medical attention.
 Skin: Remove contaminated clothing and shoes and clean. Clean skin off with running water.
 Ingestion: If swallowed, call a physician immediately.
 Health Hazards: Possible eye or skin irritation on contact

Signs and Symptoms of Exposure:
 Carcinogenicity: NTP? NO IARC Monographs? NO
 OSHA Regulated? NO

Signs & Symptoms of Exposure: See Health Hazards.

SECTION II PHYSICAL

Steps to be Taken in Case Material is Released or Spilled:
 Sweep up and return to empty containers for recovery or disposal. Surfaces may remain wet longer due to moisture being held by spilled materials. Sweep carefully to keep dusting low, wear protective glasses and face mask while removing spill.

Precautions to be Taken in Handling and Storing: Normal care when handling. Store in cool dry place.

Other Precautions: Keep out of reach of children. DO NOT MIX WITH ANY OTHER CHEMICALS.

Waste Disposal Method: Dispose of in accordance to existing laws and regulations. Keep out of drinking water sources. Comply with local, state and federal regulations.

SECTION III EXPOSURE CONTROL PERSONAL PROTECTION

Respiratory Protection (Specify Types):

Ventilation: Local Exhaust: Desirable
 Special: NR
 Mechanical (General): Normal good ventilation

sufficient. Other: NR
 Protective Gloves: Natural rubber or synthetic. Eye Protection: Safety glasses sufficient for most operations.

Footwear: Other Protective Clothing or Equipment: NR
 Work/Hygienic Practices: Do not contaminate food or beverages with this or other cleaning chemicals.

SECTION I PHYSICAL CHARACTERISTICS

Boiling Point: 1500 DEG. F pH:
 Specific Gravity (H₂O) = 1: 2.2 %
 Volatile:
 Vapor Density (Air = 1): NA
 Evaporation Rate (Butyl Acetate = 1): NA.
 Solubility in Water: Very Soluble
 Vapor Pressure (MM HG): .009
 Melting Point: 1424 DEG. F

MI

Hazardous Material Identification System

Health (Salud)	1 = Slight Hazard (Riesgo Liger)
Flammable (Inflamabilidad)	0 = Minimal Hazard (Riesgo Minimo)
Ractivity (Reactividad)	0 = Minimal Hazard (Riesgo Minimo)
Personal Protection	B = Gloves & Goggles

MSDS Abbreviations

NE	Not Established
ND	Not Determined
NA	Not Available
NK	Not Known
NR	Not Required

