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MATERIAL SAFETY DATA SHEET

KNOX® ICE MELTER
100% KCL
Approved: 09-27-01 RLH
Revised: Revised

1. Chemical Product

Product name: Knox Ice Melter
Chemical Name: Potassium Chloride
Product Description: Knox Ice Melter is Potassium Chloride and intended for use as deicer on concrete, and paved areas. Read instruction for use rate information.

2. Composition/Information on Ingredients

Name	CAS #	OSHA PEL (mg/m3)	ACGIH TLV (mg/m3)	CAL/OSHA PEL (mg/m3)
Potassium Chloride	7447-40-7	5 mg/m3, respirable dust	10 mg/m3	10 mg/m3

3. Hazard Identification

***** EMERGENCY OVERVIEW*****

White to off-white granules. As shipped this product does not present special health hazards. Avoid applications that create "nuisance" dust. This dust may cause irritation to skin, eyes and respiratory tract. NOT FOR FOOD USE.

4. First Aid

Eyes: Immediately flush eyes with plenty of water for 15 minutes. Call a physician if irritation persists.
Ingestion: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by toughing back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.
Skin: Wash with soap and water.
Inhalation: Not a normal route of entry.

5. Fire Fighting Measures

Extinguishing Media: Non-flammable
Flash Point: N/A
Products of combustion: Not applicable. Product may emit toxic and corrosive forms of chloride at decomposition temperatures.
Fire Fighting Instructions: Not applicable
SPECIAL REMARKS ON EXPLOSION HAZARDS: Not Applicable

6. Accidental Release Measures

Sweep up and use as direction call. Do not apply in excess or damage to vegetation can occur.

7. Handling & Storage

Handling Precautions: Do Not ingest. Do not breath dust. Avoid dust during handling and promote hygiene among smokers.
Storage: Store in a dry location away from incompatible substances, strong acids and intense heat.

8. Exposure Controls/Personal Protection

Eye/Face Protection: Safety glasses or goggles if risk is present.
Skin Protection: Work gloves desirable but not required.
Respiratory Protection: Dust mask not needed unless application method exceeds the threshold limits.

9. Physical & Chemical Properties

Appearance: White to off-white crystalline and flaked solid.
Odor: None typically noticeable. Physical State: Solid
Boiling Point: 1412 C Melting Point: 40 to 801 C
Vapor Pressure: N/A Vapor Density (air=1):N/A
Specific Gravity: N/A Solubility (H2O): Soluble
Evaporate Rate: N/A pH: 5.4 to 8.6
Bulk Density: (lbs./cu. ft.) 60-70

10. Stability & Reactivity

Stability: Stable
Incompatible Materials: Avoid contact with strong inorganic acids, strong oxidizing agents and intense heat.
Hazardous Decomposition Products: Ammonia and sulfur trioxide.
Hazardous Polymerization: Will not occur.
Corrosity: Mildly corrosive to metals in the presence of moisture.

11. Toxicological Information

Eye Effects: (severe) 500 mg/24 hr. (rabbit)
Skin Effects: Irritation (like salt exposure)
Acute Oral Effects: LD50 (rat) = 2,613 mg/kg
Chronic(Cancer Information): Not applicable CARCINGENCY: Not Applicable
Teratogenicity (Births Defects): Not applicable
Reproduction Effects: Not applicable As shipped this product does not present a special health hazards. Conditions and work practices which generate dust or fumes should be avoided or controlled.

12. Ecological Information

Environmental Hazards: Keep out of drinking water source.

13. Disposal Considerations

Waste Disposal: Recycle or use as directed or review federal, state, provincial and local government requirements prior to disposal.

14. Transport Information

Proper Shipping Name: Not DOT regulated

15. Regulatory Information

U.S. FEDERAL REGULATORY INFORMATION
TSCA INVENTORY: Refer to CAS # above. Section 302 (EHS) ingredients: None
Section 304 (CERCLA & EHS) ingredients (RQ): None
Section 313 ingredients: None
SARA TITLE III NOTIFICATIONS AND INFORMATION
SARA TITLE III- HAZARD CLASSES:
Acute Health Hazard- No Chronic Health Hazard-No
Fire Hazard- No Reactivity Hazard- No

16. Other Information

HMIS/NFPA HAZARD RATING:
HEALTH: 1 FIRE: 0 REACTIVITY: 0
Disclaimer or expressed and implied warranties: This information is provided in good faith but without express or implied warranty. Buyer assumes all responsibility for safety and use not in accordance with label instructions. * Would recommend Protection Rating "F" for poorly ventilated areas.