

# ICE MELTER

Safe to Use, Leaves no Residue.  
De-Ices Sidewalks, Driveways,  
Steps and Parking Lots Fast!

Available in 10,20, 50  
and 80 lb. Bags



## Prepare for Winter Now!

For over 50 years, Knox Brand Ice Melters have been providing the highest quality products for our commercial, residential and industrial customers. Our customer service and logistics departments insure prompt and reliable delivery. Count on Knox Ice Melters, because you can't always count on the weatherman!

**Knox Fertilizer Company, Inc.**

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# KNOX FERTILIZER COMPANY

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# KNOX® ICE MELTER

Approved: 09-27-01 RLH  
Revised: 877-726-6275

## MATERIAL SAFETY DATA SHEET

### 1. Chemical Product

**Product name:** Knox Ice Melter

**Chemical Name:** Potassium Chloride, & Sodium Chloride

**Product Description:** Knox Ice Melter is a blend of the two materials listed in the "Chemical Name" above and intended for use as deicer on concrete, and paved areas. Read instructions for use rate information.

### 2. Composition/Information on Ingredients

Name	CAS #	OSHA PEL (mg/m <sup>3</sup> )	ACGIH TLV (mg/m <sup>3</sup> )	CAL/OSHA PEL (mg/m <sup>3</sup> )
Sodium Chloride	7647-14-5	5 mg/rn <sup>3</sup> , respirable dust	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Potassium Chloride	7447-40-7	5 mg/m <sup>3</sup> , respirable dust	10 mg/m <sup>3</sup>	10 mgim <sup>3</sup>

### 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 touching 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:** NIA

**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 directions call. Do not apply in excess or damage to vegetation can occur.

### 7. Handling & Storage

**Handling Precautions:** Do not ingest. Do not breathe 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.

**Bulk Density:** (lbs./cu. ft.) 60-70

**Physical State:** Solid

**Boiling Point:** 1412° C

**Melting Point:** 40° to 801° C

**Vapor Pressure:** NIA

**Vapor Density (air = 1):** NIA

**Specific Gravity:** NIA

**Solubility (H<sub>2</sub>O):** Soluble

**Evaporation Rate:** NIA

**pH:** 5.4 to 8.6

### 10. Stability & Reactivity

**Stability:** Stable

**Incompatible Materials:** Avoid contact with strong inorganic acids, strong oxidizing agents and intense heat.

**Decomposition Products:** Ammonia and sulfur trioxide.

**Hazardous Polymerization:** Will not occur.

**Corrosivity:** 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 (Birth Defects):** Not applicable

**Reproductive 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 GAS # 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

HMSINFPA 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.