

# ICE MELT PREVENTATIVE

## LIQUID ICE PREVENTATIVE AND ICE MELT

**ICE MELT PREVENTATIVE** is designed to quickly melt ice or snow on contact. Our Non damaging and non-tracking formula can be used on even one day old concrete. Eliminate rock salt damage with our non-hazardous formula. Safe and environmentally friendly, it is less corrosive than water. Easy and safe to apply with anything that dispenses liquid (including: pump up sprayers, sprinkling cans or mechanical apparatus). Helps prevent ice from forming or under increased accumulation stop it from bonding or sticking to the surface if used prior to storm. Excellent as pre-treatment!

**ICE MELT PREVENTATIVE** is formulated to evaporate slowly so that it lasts longer. For use as pre-treatment or deicing on concrete, metal or any non-porous surface. Long lasting and works for extended periods of time. Pre-treatment results as with all liquid melting agents may vary depending on accumulation. It is made with special rust preventatives to be effective in freezing and sub-freezing temperatures.

### FOR USE BY:                      FOR USE ON:                      FEATURE-BENEFIT:

|                            |             |                                     |
|----------------------------|-------------|-------------------------------------|
| Bus Lines                  | Docks       | Fast Melting Action                 |
| DOT                        | Driveways   | Prevents Refreezing of Ice and Snow |
| Fire Departments           | Hand Rails  | Convenient and Easy                 |
| Fleet Operations           | Ladders     | No Residue                          |
| Golf Courses               | Locks       | Safe                                |
| Hospitals                  | Ramps       | No Alcohol                          |
| Hotels/Motels              | Stairways   | No Salt                             |
| Maintenance Crews          | Tracks      | No Brine                            |
| Meat and Poultry Processes | Walkways    | No Chlorides                        |
| Nursing Homes              | Windshields | No Magnesium                        |
| Police Departments         |             | Non Hazardous                       |
| Power Maintenance          |             |                                     |
| Restaurants                |             |                                     |
| Street Dept.               |             |                                     |
| Highway Dept.              |             |                                     |

### DIRECTIONS:

Spray **ICE MELT PREVENTATIVE** to lower the freezing point of water. Spray directly onto area covered with ice or snow. As soon as ice begins to melt, scrape or squeegee the slush from the area. To prevent the accumulation of ice or snow, treat exposed area immediately prior to expected freezing or snowfall. Do not use on windshields.

Dilution Ratio Effective at Temperature: **Undiluted to (-55° F)**

#### Ice Melt Preventative to Water Ratio:

1 to 4 parts water to (18° F)

1 to 3 parts water to (0° F)

1 to 1 parts water to (-29° F)

### TECHNICAL DATA:

Composition: Propylene Glycol  
Type: Liquid  
Appearance: Clear  
Flash Point: >200 °F  
Odor: None

Environmentally friendly Non toxic



## ICE MELT PREVENTATIVE

**READY TO USE**

&

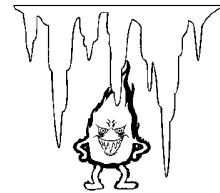
**PREVENTS ACCUMULATION OF ICE AND SNOW**

&

**SAFE FOR VEGETATION**

&

**NON-CORROSIVE**



## ICE MELT PREVENTATIVE LIQUID ICE PREVENTATIVE AND ICE MELT

### CONTACT INFORMATION

#### OFFICE:

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#### FAX

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# MATERIAL SAFETY DATA SHEET



**Purity Chemicals**  
114 Southfield Parkway, Suite 120  
Forest Park, GA 30297

**Issue Date: 10/17/06**  
**Product Name: Ice Melt Preventative**

**SECTION I – EMERGENCY CONTACT:** Infotrac 800-535-5053

**SECTION II –HAZARDOUS INGREDIENTS:**

| Component        | CAS #   | TLV (ppm) | % (in prod.) |
|------------------|---------|-----------|--------------|
| Propylene glycol | 57-55-6 | NA        | 90 -100      |

**SECTION III – HEALTH HAZARD:**

Acute Effects of Overexposure:

Skin: Can be irritating upon prolonged exposure.

Eyes: Can be irritating upon contact.

Inhale: Over-exposure may cause respiratory tract irritation

Ingest: may cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Existing skin diseases may be aggravated by overexposure.

Chronic Effects of Overexposure:

Chronic ingestion may cause acidosis and possible seizures.

HMIS Codes: Health 1; Flam. 1: React. 0; Pers. Protection NA: Chronic Haz. No

The components of this product are not considered contact. to be carcinogenic by NTP, IARC, or OSHA.

Established PEL/TLV: not established. Primary routes of entry: NA

**First Aid Procedures:**

Skin: Wash contaminated area with soap or mild detergent. Get medical attention if irritation develops.

Eyes: Immediately flush with plenty of water for at least 15 minutes. If irritation develops consult a physician.

Inhale: In the event of over-exposure, remove to fresh air.

Ingest: If product is swallowed, do not induce vomiting. If vomiting occurs, keep head lower than hips to help prevent aspiration. Get medical attention at once.

**SECTION IV – PROTECTION INFORMATION:**

Protective Clothing: No special measures required.

Eye Protection: No special measures required.

Respiratory Protection: Open air or good room ventilation is normally adequate for safe use of product.

Ventilation: If vapors are detected, ventilate area by opening windows and using exhaust fans.

**SECTION V – PHYSICAL DATA:**

Boiling Point (F) 365 - 370

Specific Gravity: 1.03 – 1.04 pH NA

VOC content (%) 100

Evaporation Rate (Bu acetate=1) unk vap. Pressure (mm Hg) unk

Vap. Density unk

Solubility in Water: soluble

Appearance and Odor: clear liquid with slight glycol odor

**SECTION VI – FIRE AND EXPLOSION DATA:**

Flash Point (F) 410

Flammable Limits: LEL: 2.6 UEL: 12.6

Fire fighting procedure: In case of fire use water spray, dry chemical, or CO2. Cool closed containers exposed to fire with water.

**SECTION VII – REACTIVITY DATA:**

Stability: Stable

Incompatibility: None

Polymerization: Will not occur

Hazardous Decomposition: None

**SECTION VIII – SPILL AND STORAGE PROCEDURES:**

Steps to be taken in case material is spilled or released: Observe safety procedures described in Sections IV and IX during cleanup. Absorb spill on inert absorbent material. Pick up and place residue in a suitable waste container. Wash area thoroughly with detergent solution and rinse well with water.

Waste Disposal Method: Liquid wastes are not permitted in landfill. This product is not considered a hazardous waste under RCRA. In some areas flushing into a sanitary sewer with plenty of water may be permissible. Consult local, state, and federal agencies for proper disposal in your area.

**SECTION IX – SPECIAL PRECAUTIONS:**

Precautions to be taken when handling and storing:

Keep out of reach of children. Harmful if swallowed. Avoid eye contact. Avoid prolonged contact with skin. Do not use, store, pour or spill near any source of ignition. Store in a tightly closed container in dry area at temps between 40 and 110 deg F.