ICE BUSTER

**AEROSOL SPRAY DE-ICER**

ICE BUSTER is a high power, alcohol based, ice melting aerosol that quickly dissolves ice, snow and frost from windshields and windows allowing for rapid use of vehicles in cold weather. ICE BUSTER is convenient and easy to use. The high pressure aerosol can provide complete coverage of an area and widespread melting. Spray on headlights to remove ice and frost for brighter and safer driving. ICE BUSTER eliminates scraping which can damage glass. It prevents and thaws frozen locks, hinges, door handles, and trunk mechanisms. ICE BUSTER will not gum and rinses clean with water.

**FOR USE BY:**
- Airports
- Bus Shops
- D.O.T.
- Fire Departments
- Fleet Operations
- Golf Courses
- Hotels/Motels
- HVAC
- Maintenance Crews
- Police Departments
- Power Maintenance
- Public Transportation
- Restaurants
- County Road Dept.

**FOR USE ON:**
- Air Conditioners
- Aircraft
- Boats
- Door Handles
- Freezers
- Headlights
- Hinges
- Locks
- Metal Equipment
- Road Equipment
- Trains
- Trunk Mechanisms
- Windows
- Windshields

**FEATURE-BENEFIT:**
- Fast Melting Action
- Ozone Safe
- Rinses With Water
- High Pressure Spray
- Convenient
- Easy to Use
- Frost Preventative
- Will Not Gum Up

**DIRECTIONS:**
Shake the can well. Brush off the loose snow and ice. Spray onto icy surface. Repeat application as necessary. Tip: If the ice on your windshield or other surface is thick, score the surface with an ice scraper top before spraying. Otherwise the de-icer fluid will run off before penetrating.

**TECHNICAL DATA:**

- Composition: Methanol, Ethylene Glycol, Carbon
- Category: Dioxide
- Appearance: Solvent Blend; Aerosol
- Solubility in Water: Clear Liquid
- Spray Pattern: Soluble
- Flammability: High Powered Blasting Spray Extremely Flammable

**CONTACT INFORMATION**

OFFICE: 1-888-6PURITY (678-7489)
FAX 1-877-9PURITY (978-7489)
ADDRESS: 114 SOUTHFIELD PKWY SUITE 120 FOREST PARK GA. 30297
www.puritychemicals.com

See reverse side for MSDS
MATERIAL SAFETY DATA SHEET

COMPANY: Purity Chemicals, Inc.
114 Southfield Plwy., Suite 120
Forest Park, GA 30297  (404) 363 0767
Chemical Emergency: 800-535-5053

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Ice Buster
CHEMICAL FAMILY: SOLVENT BLEND
LATEST REVISION DATE: May, 2003

SECTION II - HAZARDOUS INGREDIENTS & OTHER COMPONENTS

<table>
<thead>
<tr>
<th>INGREDIENTS</th>
<th>% WEIGHT</th>
<th>EXPOSURE LIMITS</th>
<th>CAS NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methanol</td>
<td>0.04</td>
<td>700*</td>
<td>67-56-1</td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>3.5</td>
<td>50</td>
<td>107-21-1</td>
</tr>
<tr>
<td>Morpholine</td>
<td>trace</td>
<td>20</td>
<td>110-91-8</td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>3 – 5</td>
<td>not established</td>
<td>124-38-9</td>
</tr>
</tbody>
</table>

* Poison, may cause blindness upon skin or oral contact

THIS PRODUCT MAY CONTAIN ONE OR MORE MATERIALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACTS OF 1986 AND OF 40 CFR 372. SEE SECTION X FOR SPECIFIC MATERIALS.

SECTION III - PHYSICAL DATA

APPEARANCE / ODOR: Clear liquid with sweet odor.
BOILING POINT: >100°F
VAPOR PRESSURE : @ 70 °F = 90 - 110 psig
SOLUBILITY IN WATER: Soluble
EVAPORATION RATE (Ethyl Ether=1): < 1

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: Extremely-flammable aerosol per ASTM D-3005-77 Flame Extension Test
FLASH POINT : <100°F, Flames are not readily apparent
FLAMMABLE LIMITS : LEL: Not Established  UEL: Not Established
SPECIAL FIRE FIGHTING PROCEDURES: Keep aerosol containers cooled with water fog to prevent bursting.
EXTINGUISHING MEDIA: Foam, CO2, Dry Chemical
UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Exposure of aerosol cans to temp above 120°F may cause bursting.

SECTION V – HEALTH HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY: INHALATION : YES  DERMAL : YES  INGESTION : YES
EFFECTS OF OVEREXPOSURE:
EYES : Burning, redness and tearing.
SKIN : May cause redness and irritation.
INHALATION : May cause mild irritation to the nose, throat, and respiratory tract. Overexposure may result in central nervous system depression.
INGESTION : May cause gastrointestinal irritation and nausea. Poison. May cause blindness! May cause death.
CARCINOGENICITY: NTP : NO  IARC : NO  OSHA : NO
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Not known
EMERGENCY AND FIRST AID PROCEDURES:
SKIN: Thoroughly wash with soap and water. Consult Physician if irritation persists.
EYES: Flush immediately with water for 15 minutes. Consult Physician if irritation persists.
INHALATION: Move to fresh air. Get medical attention if irritation persists.
INGESTION: Drink water and induce vomiting. Get immediate medical attention.

SECTION VI - REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Strong oxidizing agents.
HAZARDOUS DECOMPOSITION BY-PRODUCTS: Not known.
INCOMPATIBILITY: Strong oxidizers
HAZARDOUS POLYMERIZATION: Will not occur

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN EVENT MATERIAL IS RELEASED OR SPILLED: Large spills are unlikely due to aerosol packaging. Wipe or mop spilled product.

WASTE DISPOSAL METHOD: When disposing of spent containers, do not puncture or incinerate. Dispose of in accordance with local, state, and federal agencies.

SECTION VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None required if maintained below TLV.
VENTILATION: Sufficient local or mechanical ventilation to maintain vapor concentrations below TLV.
PROTECTIVE GLOVES: Neoprene.
EYE PROTECTION: Safety glasses with chemical splash proof side shields, chemical goggles and/or face shield.
OTHER PROTECTIVE CLOTHING AND EQUIPMENT: None.

SECTION IX – SPECIAL PRECAUTIONS

Keep locked out of reach of children. Avoid contact with skin or eyes. Avoid prolonged exposure to vapors. Do not puncture or incinerate.

SECTION X – SUPPLEMENTARY INFORMATION

SARA TITLE III: RATING SCALE: 0 = Minimal; 1 = Slight; 2 = Moderate; 3= Serious; 4= Severe
HMIS CLASSIFICATION: HEALTH : 4  FLAMMABILITY : 4  REACTIVITY : 0
NFPA CLASSIFICATION: HEALTH : 4  REACTIVITY : 0  FIRE : 3

Periodically, user should request new MSDS to assure it matches current formulation. The above information is accurate to the best of our knowledge. However, since data, safety standards and government regulations are subject to change and the conditions of handling and use or misuse are beyond our control, no warranty is made either express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. User should satisfy himself that he has all current data relevant to his particular use.