ICE KICKER

LIQUID ICE MELT

ICE KICKER generates no heat and has a super fast ice melting chemical reaction. It will not harm rubber, plastic, asphalt, concrete, terrazzo, aluminum, steel, or painted surfaces. It leaves no messy residue. This will quickly remove ice and snow, creating slush and water. ICE KICKER converts the water to antifreeze which further enhances the melting process. ICE KICKER helps prevent refreezing. ICE KICKER also may be used on sidewalks, steps, ramps, and much more ICE KICKER remains effective up to sixty degrees below zero. It lowers the freezing point of water and penetrates ice for faster melting action. Prevents the freezing of locks, chains, hinges, controls, equipment, and linkages.

FOR USE BY:
Auto Rental
Automotive Shops
Car Dealers
DOT
Highway Department
Hotels/Motels
Road and Bridge
Schools
School Bus Shops
Street Department
Trucking Companies

FOR USE ON:
Sidewalks
Steps
Ramps
Loading Docks
Bridges
Locks
Hinges

FEATURE-BENEFIT:
Prevents build-up of ice and snow
Effective to -60°F
Defrosts
De-Ices
Ideal alternative to deicing pellets

DIRECTIONS:
Directions: Simply spray, sprinkle, pour or swab onto the surface to be deiced. Score the surface on glazed ice, as it will help prevent run-off and speed the melting process. Ice Kicker may become diluted as it works and re-application may become necessary.

TECHNICAL DATA:
Type: Liquid
Appearance: Clear to Blue
Flash Point: 96 °F
Odor: Alcohol
Ready to Use: Yes

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
ICE KICKER

CHEMICAL FORMULATION: Alcohol based desicing agent.

CHEMICAL COMPOSITION: Dependent on type.

FLAMMABILITY: 3

REACTIVITY: 0

Hazardous Ingredients

<table>
<thead>
<tr>
<th>Substance</th>
<th>APPROX</th>
<th>OSHA TLV</th>
<th>ACGIH TLV</th>
<th>EPA 40 CFR</th>
<th>CAS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene glycol</td>
<td>30.0-40.0 ppm</td>
<td>50 ppm</td>
<td>50 ppm</td>
<td>Y</td>
<td>107-21-1</td>
</tr>
<tr>
<td>Methanol</td>
<td>15.0-25.0 ppm</td>
<td>200 ppm</td>
<td>200 ppm</td>
<td>Y</td>
<td>67-56-1</td>
</tr>
</tbody>
</table>

Key:
- PEL: Permissible Exposure Limit
- TLV: Threshold Limit Value
- C: Ceiling level
- STEL: Short Term Exposure Limit
- N/A: Not Applicable
- N:D: Not Determined
- N:E: Not Established
- Y: Yes
- N: No
- 302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
- 355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)
- 372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

Physical Data

BOILING POINT (+F): N/D
VAPOR PRESSURE (mm Hg): N/D
VAPOR DENSITY (AIR = 1): N/D
SPECIFIC GRAVITY (WATER = 1): 0.79
VOC CONTENT (% by weight): 15.0-25.0
EVAPORATION RATE (WATER = 1): N/D
pH: N/A
SOLUBILITY IN WATER: Soluble
APPEARANCE AND ODOR: Class to slight bazy, light green liquid; glycol alcohol odor.

Fire and Explosion Hazard Data

FLASH POINT (+F): 76
TEST METHOD: Closed cup
FLAMMABLE LIMITS IN AIR (VOLUME %): UPPER: N/D LOWER: N/D
EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with full protective gear including self-contained breathing apparatus. Cool fire exposed containers with water fog.
UNUSUAL FIRE AND EXPLOSION HAZARD: Vapors may travel considerable distance to a source of ignition and flash back.

Reactivity Data

STABILITY: Stable
INCOMPATIBILITY: Strong oxidizers
CONDITIONS TO AVOID: Heat, sparks or open flame.
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of carbon.
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: None

Health Hazard Data

ROUTES OF ENTRY: INHALATION: X EYE CONTACT: X SKIN CONTACT: X INGESTION: X

Hazards INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS: None.

EFFECTS OF OVEREXPOSURE:
- IF IN EYES: Mild irritation, redness, tearing, blurred vision. May injure eye tissue if not removed promptly.
- IF IN SKIN: Redness, dryness, irritation, defatting with prolonged or repeated exposure.
- IF SWALLOWED: Gastrointestinal irritation, dizziness, drooling, Drunkenness, weakness, CNS depression. May be harmful or fatal if swallowed. Small amounts of the liquid aspirated into the respiratory system during ingestion, or from vomiting, may cause bronchospasms and pulmonary edema.
- IF INHALED: Respiratory tract irritation, nausea, vomiting, headache and dizziness.

NOTE TO PHYSICIAN: Ethylene glycol can cause pulmonary edema. It is also toxic to kidneys and causes metabolic acidosis.

Emergency and First Aid Procedures

- IF IN EYES: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
- IF IN SKIN: Wash with soap and water. Remove contaminated clothing and launder before reuse. If irritation persists, obtain medical attention.
- IF SWALLOWED: Contact physician or poison control center immediately. Give affected person one to two glasses of water. Do not induce vomiting unless told to do so by a physician or poison control center. Never give anything by mouth to an unconscious person.
- IF INHALED: Remove person to fresh air. If breathing has stopped administer artificial respiration. If breathing is difficult, administer oxygen.

Spill or Leak Protection

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
- Ventilate area and remove all source of ignition. Soak up spilled material with inert absorbent material and place in a properly labeled container for proper disposal.

Disposal Method:
- Consult local environmental authorities.

Special Protection Information

RESPIRATORY PROTECTION: Use with adequate ventilation. If recommended Exposure Limits are exceeded wear a NIOSH approved respirator, following manufacturer’s recommendations.

VENTILATION:
- LOCAL: Recommended
- MECHANICAL: Not required

PROTECTIVE GLOVES:
- Chemical resistant.

EYE PROTECTION:
- Safety glasses or chemical goggles.

OTHER PROTECTIVE EQUIPMENT:
- Eye wash station.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
- Store in a cool, dry place away from heat or open flame. Keep container tightly closed when not in use.
- OTHER PRECAUTIONS: Keep out of reach of children.

Transportation Information (ground transportation only)

DOT PROPER SHIPPING NAME: Methanol solution
DOT CLASS: 3
DOT ID NUMBER: UN1250
DOT PACKING GROUP: II

The shipping information listed above applies only to non-bulk (< 110 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

Prepared by: Technical Dept. DATE OF ISSUE: December 16, 2005

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