

# MATERIAL SAFETY DATA SHEET

Superco Specialty Products  
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## I - Product Identification

### ICE-MELT A

**PRODUCT CODE:** 1103

**CHEMICAL FORMULATION:** Pressurized alcohol based deicer.

**NFPA HAZARD IDENTIFICATION SYSTEM:** **HEALTH:** 1 **FLAMMABILITY:** 3 **REACTIVITY:** 0

**HAZARD RATING:** 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

## II - Hazardous Ingredients

Values reported as TWA unless noted.

<u>SUBSTANCE</u>	<u>APPROX</u> <u>%</u>	<u>OSHA</u> <u>PEL</u>	<u>ACGIH</u> <u>TLV</u>	<u>EPA 40 CFR:</u>			<u>CAS #</u>
				<u>302</u>	<u>355</u>	<u>372</u>	
Methanol	> 90.0	200 ppm	200 ppm	Y	N	Y	67-56-1
Carbon Dioxide	1.00-5.00	10,000 ppm	5000 ppm	N	N	N	124-38-9

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).

## III - Physical Data

**BOILING POINT (°F):** 147

**VAPOR PRESSURE (mm Hg):** 96 at 20°C

**VAPOR DENSITY (AIR = 1):** 1.1

**SOLUBILITY IN WATER:** Miscible

**APPEARANCE AND ODOR:** Clear, colorless liquid; alcohol odor.

**SPECIFIC GRAVITY (WATER = 1):** 0.792

**VOC CONTENT (% by weight):** 90.0-95.0

**EVAPORATION RATE (WATER = 1):** > 1.0

**pH:** N/A

## IV - Fire and Explosion Hazard Data

**FLASH POINT (°F):** 52

**(TEST METHOD):** Closed cup

**NFPA 30B Rating:** 3

**FLAMMABLE LIMITS IN AIR (VOLUME %)**

**UPPER:** 6

**LOWER:** 36.5

**EXTINGUISHING MEDIA:** Water spray, foam, carbon dioxide, dry chemical.

**SPECIAL FIRE FIGHTING PROCEDURES:** Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARD:** Contents under pressure. Exposure to temperatures above 120°F may cause bursting.

### V - Reactivity Data

**STABILITY:** Stable

**INCOMPATIBILITY:** Strong oxidizers.

**CONDITIONS TO AVOID:** Excess heat and open flame.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce oxides of carbon.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** None

### VI - Health Hazard Data

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

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

#### EFFECTS OF OVEREXPOSURE

**IF IN EYES:** Moderate to severe irritation, blurred vision and possible tissue damage to eyes.

**IF ON SKIN:** Moderate irritation, defatting and dermatitis with prolonged or repeated exposure.

**IF SWALLOWED:** May be harmful or fatal if swallowed. Gastrointestinal irritation, nausea, vomiting.

**IF INHALED:** Drowsiness, lightheadedness, weakness, headache.

#### **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 ON SKIN:** Remove contaminated clothing and wash with soap and water for 15 minutes. If irritation persists, obtain medical attention.

**IF SWALLOWED:** Contact physician or poison control center immediately. Induce vomiting, then give 2 teaspoons of baking soda in a glass of water. Never give anything to an unconscious person. Obtain medical attention.

**IF INHALED:** Remove person to fresh air. If breathing has stopped, administer artificial respiration. Obtain medical attention.

### VII - Spill or Leak Protection

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Ventilate area and extinguish all sources of ignition. Soak up material with inert absorbent material and place in a labeled closed container for disposal.

**WASTE DISPOSAL METHOD:** Consult local environmental authorities. Dispose of cans in non-incinerated trash only.

### VIII - Special Protection Information

**RESPIRATORY PROTECTION:** Use with adequate ventilation. Do not breathe vapors or mists. 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 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.

**OTHER PRECAUTIONS:** Keep out of reach of children. Do not puncture or incinerate container.

### IX - Transportation Information (ground transportation only)

**DOT PROPER SHIPPING NAME:** Consumer Commodity

**DOT CLASS:** ORM-D

**DOT ID NUMBER:** None

**DOT PACKING GROUP:** None

The shipping information listed above applies only to non-bulk (< 119 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.

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