

# Sentry Chemical Company

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## M A T E R I A L   S A F E T Y   D A T A   S H E E T

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PRODUCT NAME: **D-ICER (A)**  
PRODUCT CODE: 612

HMIS CODES: H F R P  
1 3 0 B

### ===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: Sentry Chemical Company  
ADDRESS : 1481 Rock Mountain Blvd.  
Stone Mountain, GA 30083  
770-934-4242  
EMERGENCY PHONE : 800-535-5053 NAME OF PREPARER : Alan Sumner  
INFORMATION PHONE : 770-934-4242 DATE OF PREPARATION : 5/21/98

### ===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
* ETHYLENE GLYCOL	107-21-1	.18 20C 35	
ISOPROPANOL	67-63-0	96 100F	
400 PPM TWA			
500 PPM STEL			

\*\*\* No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. \*\*\*

\* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

### ===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING POINT: Unknown SPECIFIC GRAVITY (H2O=1): 0.88  
VAPOR DENSITY: Unknown EVAPORATION RATE: N/A  
MATERIAL V.O.C.: 0.95 lb/gal  
SOLUBILITY IN WATER: Soluble  
APPEARANCE AND ODOR: Clear liquid, mild alcohol odor.

### ===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: N/A METHOD USED: N/A  
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A  
FLAME EXTENSION: FLAMMABLE!  
EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide or any Class B extinguishing agent. Water may be unsuitable as an extinguishing medium, but helpful in keeping adjacent containers cool.  
SPECIAL FIREFIGHTING PROCEDURES: Wear NIOSH approved self-contained breathing apparatus with full facepiece and protective clothing to prevent contact with skin and eyes. Use water spray to cool fire exposed containers.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Aerosol container may burst if heated over 120 F.

### ===== SECTION V - REACTIVITY DATA =====

STABILITY: Stable  
CONDITIONS TO AVOID: Excessive heat and ignition sources such as sparks and flames.  
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents such as chlorine bleach.  
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon Monoxide, Carbon Dioxide and Nitrogen compounds.  
HAZARDOUS POLYMERIZATION: Will not occur.

**===== SECTION VI - HEALTH HAZARD DATA =====****INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

**INHALATION:** May cause nose and throat irritation. High concentrations may cause acute central nervous system depression characterized by headaches, dizziness, nausea and confusion.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

**EYE CONTACT:** Causes eye irritation.

**SKIN CONTACT:** Causes mild skin irritation.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** NOT APPLICABLE

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

**INGESTION:** Can cause gastrointestinal irritation, vomiting, nausea, and diarrhea.

**INGESTION:** Aspiration of material into lung may cause chemical pneumonitis which can be fatal.

**HEALTH HAZARDS (ACUTE AND CHRONIC):** See above for acute health hazards. May cause skin and respiratory sensitization (allergic reaction).

**CARCINOGENICITY:** NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No No.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Those of the respiratory system and skin.

**EMERGENCY AND FIRST AID PROCEDURES:**

**INHALATION:** Move person to fresh air. If breathing stops, apply artificial respiration and seek immediate medical attention.

**EYE CONTACT:** Immediately flush with running water for at least 15 minutes, lifting eyelids periodically to remove contamination. Get immediate medical attention.

**SKIN CONTACT:** Wash thoroughly with soap and water and see a doctor if irritation persists.

**INGESTION:** If conscious, give one to two glasses of water or milk and induce vomiting. Get immediate medical attention.

**===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Aerosol products are not subject to spilling.

**WASTE DISPOSAL METHOD:** Wrap empty container and place in trash collection. Do not reuse container. Dispose in accordance with federal, state and local regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Wash thoroughly after handling.

Do not store above 115 degrees F (46 degrees C) store large quantities in compliance with OSHA 29 CFR 1910.106.

**OTHER PRECAUTIONS:** Keep out of Reach of Children.

**===== SECTION VIII - CONTROL MEASURES =====**

**RESPIRATORY PROTECTION:** Use a NIOSH approved respirator with organic vapor canister if vapor or mist becomes a problem or airborne exposure limits are exceeded.

**VENTILATION:** Provide general dilution and local exhaust ventilation in sufficient volume and pattern to keep concentrations of hazardous ingredients (listed in Section II) below the lowest exposure limit stated. Refer to "Industrial Ventilation--A Manual of Recommended Practice", ACGIH.

**PROTECTIVE GLOVES:** Wear appropriate impermeable gloves.

**EYE PROTECTION:** Use chemical safety glasses.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** NOT APPLICABLE

**WORK/HYGIENIC PRACTICES:** Avoid contact with eyes. Avoid breathing fumes. Use only with adequate ventilation.

**===== SECTION IX - DISCLAIMER =====**

The information contained herein is based on data considered to be accurate. While the information is believed to be reliable, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. It is the user's obligation to evaluate this information and determine the conditions of the safe use of the product.