



# MATERIAL SAFETY DATA SHEET

## Icematic SW 32

### I - PRODUCT IDENTIFICATION

**Company Name:** Nu-Calgon Wholesaler, Inc.  
**Address:** 2008 Altom Court, St. Louis, MO 63146-4151  
**Product Name:** Icematic SW 32  
**Synonyms:** Polyol Ester Lubricant

**Tel No:** (314) 469-7000, (800) 554-5499  
**CHEMTREC:** (800) 424-9300  
**Product Number:** 4314

### II - HAZARDOUS INGREDIENTS OF MIXTURES

| <u>MATERIAL</u>              | <u>CAS#</u>                          | <u>% By Wt</u> | <u>TLV</u> | <u>PEL</u> |
|------------------------------|--------------------------------------|----------------|------------|------------|
| Polyol Ester                 | 131459-39-7                          | 99%            |            | Not listed |
| Antioxidant Additive Package | n/a without non-disclosure agreement | <1%            |            | Not listed |

VOC Content: 0.01lbs./gallon (1.0 %)  
All ingredients are TSCA listed.

### III - PHYSICAL DATA

|   |  |
|---|--|
| <b>Vapor Pressure:</b> mm Hg: Negligible                  | <b>Vapor Density (Air=1) 60-90° F:</b> >5  |
| <b>Evaporation Rate:</b> (ether=1): Negligible            | <b>VOC Content (% by wt.):</b> Negligible  |
| <b>Solubility in H<sub>2</sub>O:</b> Not Soluble in Water | <b>pH @ N/A Solution:</b> N/A              |
| <b>Freezing Point °F:</b> N/A                             | <b>pH as Distributed:</b> N/A              |
| <b>Boiling Point °F:</b> >500 ° F                         | <b>Appearance:</b> Clear, Colorless liquid |
| <b>Specific Gravity H<sub>2</sub>O=1 @25° C:</b> 0.98     | <b>Odor:</b> Slight petroleum odor         |

### IV - FIRE AND EXPLOSION

**Flash Point F:** >400° F (COC) **Flammable Limits:** ND  
**Extinguishing Media:** Dry chemical, CO<sub>2</sub> Foam  
**Special Fire Fighting Procedures:** Water or foam may cause frothing. Use water as fog or spray to cool containers exposed to fire. Water spray may be used to flush spills away from exposure. For fires in enclosed areas, wear self-contained breathing apparatus. Prevent runoff from fire control or dilution from entering streams or drinking water supply.  
**Unusual Fire and Explosion Hazards:** Empty containers may contain product residue or vapors which can ignite explosively; do not cut, weld or drill on or near empty or full containers.

### V - REACTIVITY DATA

**Stability - Conditions to avoid:** Product is stable - avoid oxidizing agents, heat, open flame.  
**Incompatibility:** None  
**Hazardous Decomposition Products:** Smoke, fumes, CO, CO<sub>2</sub>

**Conditions Contributing to Hazardous Polymerizations:** Will not occur

### VI - HEALTH HAZARD DATA

**EFFECTS OF OVEREXPOSURE (Medical Conditions Aggravated/Target Organ Effects),**  
**A. ACUTE (Primary Route of Exposure) INGESTION:** Can cause gastro-intestinal irritation, nausea, vomiting, diarrhea and abdominal pain. **EYES & SKIN:** May cause mild irritation. Prolonged or repeated skin contact may cause skin irritation, defatting. **INHALATION:** May cause nasal/respiratory irritation, dizziness.  
**B. SUBCHRONIC, CHRONIC, OTHER:** N/A  
**C. MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:**

---

## VII - EMERGENCY AND FIRST AID PROCEDURES

---

**INHALATION:** Remove from area of exposure to fresh air immediately. Administer oxygen if deemed necessary. If breathing has stopped, administer CPR. Keep person warm and at rest. Treat symptomatically and supportively. Get medical attention immediately.

**EYES:** Flush eyes with large amounts of clean water for at least 15 minutes. Contact a physician if irritation persists.

**SKIN:** Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water. Get medical attention if irritation persists. Use skin cream for defatted areas.

**INGESTION:** Aspiration hazard. Do not induce vomiting or give anything mouth because this material can enter the lungs and cause severe damage. Do not leave victim unattended. If vomiting occurs, or if comatose or lethargic, place on the left side with the head down. Seek immediate medical attention.

---

## VIII - SPILL OR LEAK PROCEDURE

---

**Spill Management:** Large Spills: wear appropriate protective clothing. Stop source of leak if possible. Dike, contain spill and recover free liquid. Prevent entry into waterways. Soak up residue with an inert material such as clay, sand or other suitable materials; store and dispose of properly. Flush area with water. Where feasible and appropriate, remove contaminated soil. Small Spills: Neutralize and/or soak up spill with inert absorbent. Store in a closed container and dispose of properly.

**Waste Disposal Methods:** All recovered material should be packaged, labelled, transported, and disposed of or reclaimed in conformance with good engineering practices. Dispose of by method in compliance with local, state and federal regulations regarding health, air and water pollution. May be destroyed by controlled incineration.

---

## IX - PROTECTION INFORMATION/CONTROL MEASURES

---

**Respiratory:** NIOSH/MSHA Approved organic vapor respirator or supplied air respiratory equipment as required.

**Eye Protection:** Safety glasses **Glove:** Resistant type gloves

**Other Clothing and Equipment:** N/A

**Ventilation:** Provide sufficient mechanical, general and/or local exhaust to maintain exposure below TLV. Greater than 60 cu.ft. per minute is recommended.

---

## X - SPECIAL PRECAUTIONS

---

**Precautions to be taken in Handling and Storing:** Maintain ambient temperatures. Avoid prolonged/repeated breathing of vapors, mists, fumes. Keep container tightly closed. Do not store near heat, flame, strong oxidants. Maintain adequate ventilation.

**Additional Information:** Do not wear contaminated clothing. Launder before re-use or discard. Do not take any food or drink, or handle tobacco products while in contact with this product. Wash thoroughly after use.

### NFPA

Health Hazard.....: 1

Fire Hazard.....: 1

Reactivity.....: 0

Specific Hazard...:

### HMIS RATING

Health Hazard.....: 1

Fire Hazard.....: 1

Reactivity.....: 0

Personal Protection...: X (Sec. 9)

**Revision Date:** 10/04/2002

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions. While Seller believes that the information contained herein is accurate, such information is offered solely for its customers' consideration and verification under their specific use conditions.