



MATERIAL SAFETY DATA SHEET Icematic E68

I - PRODUCT IDENTIFICATION

Company Name: Nu-Calgon Wholesaler, Inc.
Address: 2008 Altom Court, St. Louis, MO 63146-4151
Product Name: Icematic E68
Synonyms: Polyol Ester Lubricant

Tel No: (314) 469-7000, (800) 554-5499
CHEMTREC: (800) 424-9300
Product Number: 4316-16

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	Not listed
Antioxidant Additive Package	n/a without non-disclosure agreement	<1%	Not listed	Not listed

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

III - PHYSICAL DATA

Vapor Pressure: mm Hg: Negligible	Vapor Density (Air=1) 60-90° F: >5
Evaporation Rate: (ether=1): Negligible	VOC Content (% by wt.): Negligible
Solubility in H₂O: Not Soluble in Water	pH @ N/A Solution: N/A
Freezing Point °F: N/A	pH as Distributed: N/A
Boiling Point °F: >500 °F	Appearance: Clear, Colorless liquid
Specific Gravity H₂O=1 @25° C: 0.98	Odor: Slight petroleum odor

IV - FIRE AND EXPLOSION

Flash Point F: >400 ° F (COC) **Flammable Limits:** ND
Extinguishing Media: Dry chemical, CO₂, Foam
Special Fire Fighting Procedures: Use water as fog or spray to cool containers exposed to fire. Wear self-contained breathing apparatus.
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, CO₂, CO

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. 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. Administer oxygen if deemed necessary. If breathing has stopped, administer CPR; contact physician.

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

SKIN: Remove contaminated clothing. Wipe material from skin. Wash thoroughly with soap and water.

INGESTION: Do not induce vomiting; aspiration hazard. Consult a physician immediately. If vomiting occurs, or if comatose or lethargic, place on the left side with the head down. Consult a physician immediately.

VIII - SPILL OR LEAK PROCEDURE

Spill Management: Do not permit product to enter streams, sewers or other waterways. Dike spill and eliminate leak. Absorb with inert material and store in closed containers until disposal.

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 +3/Min. 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.

NEPA

Health Hazard.....: 0

Fire Hazard.....: 1

Reactivity.....: 0

Specific Hazard....:

HMIS RATING

Health Hazard.....: 0

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.