



Icematic E100 - 4317-05

MATERIAL SAFETY DATA SHEET

Icematic E100

I - PRODUCT IDENTIFICATION

Company Name: Nu-Calgon Wholesaler, Inc.
Address: 2008 Altom Court, St. Louis, MO 63146-4151
Product Name: Icematic E100
Synonyms: Polyol Ester Lubricant

Tel No: (314) 469-7000, (800) 554-5499
CHEMTREC: (800) 424-9300
Product Number: 4317-05

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 list'd	not list'd
Antioxidant Additive Package	n/a without non-disclosure agreement	<1%	not list'd	not list'd

Contains no SARA 313 compounds

III - PHYSICAL DATA

Vapor Pressure: (mmHg) negligible
Evaporation Rate: negligible
Solubility in H₂O: insoluble
Freezing Point °F: not determined
Boiling Point °F: >500°F
Specific Gravity H₂O=1 @25° C: 0.98

Vapor Density (Air=1) 60-90° F: 5
VOC Content (% by wt.): negligible
pH @ not applicable Solution: -
pH as Distributed: N/A
Appearance: clear colorless liquid
Odor: slight petroleum odor

IV - FIRE AND EXPLOSION

Flash Point F: 450°F min (method: PMCC) **Flammable Limits:** N/D
Extinguishing Media: Carbon dioxide, foam, dry chemical.
Special Fire Fighting Procedures:
Unusual Fire and Explosion Hazards:

V - REACTIVITY DATA

Stability - Conditions to avoid: Stable under normal conditions - none known.
Incompatibility: Strong oxidizers, heat and sources of ignition.
Hazardous Decomposition Products: Smoke, fumes, CO, CO₂
Conditions Contributing to Hazardous Polymerizations: None known.

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, abdominal pain & 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: No obvious long-term hazards
C. MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

VII - EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove from exposure area to fresh air immediately. If breathing has stopped, perform 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. Wipe material from skin. Wash thoroughly with soap and water. If irritation develops, get medical attention. Wash contaminated clothing. Use skin cream for defatted areas.

INGESTION: Do not induce vomiting; aspiration hazard. Do not give anything by mouth. Do not leave victim unattended. If vomiting occurs, or if comatose or lethargic, place on the left side with the head down. Seek medical attention immediately.

VIII - SPILL OR LEAK PROCEDURE

Spill Management: Large spills: wear appropriate protective clothing. 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. Flush area with water. Where feasible, remove contaminated soil. Small spills: Neutralize and/or soak up spill with inert absorbent; 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 with side-shields **Glove:** neoprene gloves

Other Clothing and Equipment: Impervious protective clothing and chemical-resistant safety shoes should be worn to minimize contact. Emergency shower and eyewash facility should be provided in all areas in which this product is handled.

Ventilation: Provide sufficient mechanical, general and/or local exhaust to maintain exposure below TLV.

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: Keep out of the reach of children.

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: 03/20/2002

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