



Icematic SW 220 - 4318-05

MATERIAL SAFETY DATA SHEET

Icematic SW 220

I - PRODUCT IDENTIFICATION

Company Name: Nu-Calgon Wholesaler, Inc.
Address: 2008 Altom Court, St. Louis, MO 63146-4151
Product Name: Icematic SW 220
Synonyms: Polyol Ester Lubricant

Tel No: (314) 469-7000, (800) 554-5499
CHEMTREC: (800) 424-9300
Product Number: 4318-05

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

VOC Content: 0.01lbs./gallon (1.0 %)

III - PHYSICAL DATA

Vapor Pressure: Negligible
Evaporation Rate: Negligible
Solubility in H₂O: Insoluble
Freezing Point °F: Not determined
Boiling Point °F: >500 °
Specific Gravity H₂O=1 @25° C: 0.9800

Vapor Density (Air=1) 60-90° F: >5
VOC Content (% by wt.): Negligible
pH @ - Solution: N/A
pH as Distributed: N/A
Appearance: Clear colorless
Odor: Slight petroleum odor

IV - FIRE AND EXPLOSION

Flash Point F: >450 deg F (min) **Flammable Limits:** N/DN/D
Extinguishing Media: Dry chemical, foam, carbon dioxide
Special Fire Fighting Procedures: Water or foam may cause frothing. Use water to keep fire-exposed container cool. Water spray may be used to flush spills away from exposure. Firefighters must use self-contained breathing apparatus. Prevent run-off from fire control from entering streams or drinking water supply.
Unusual Fire and Explosion Hazards:

V - REACTIVITY DATA

Stability - Conditions to avoid: Product is stable under normal conditions - avoid oxidizing agents, heat, open flame.
Incompatibility: None
Hazardous Decomposition Products: Smoke, fumes, CO, CO₂
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: None
C. MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: See acute effects above.

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. Contact physician 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 persists, get medical attention. Wash clothing before reuse. Use skin cream for defatted areas.

INGESTION: Aspiration hazard. Do not induce vomiting or give anything by mouth. Do not leave victim unattended. If vomiting occurs or if comatose or lethargic, place on the left side with 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:** Neoprene-type gloves

Other Clothing and Equipment: Impervious protective clothing and chemical-resistant safety shoes to minimize contact. Emergency shower and eye wash facility should be provided.

Ventilation:

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: 03/15/2002

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