

MATERIAL SAFETY DATA SHEET

I - PRODUCT IDENTIFICATION

| | | |
|----------------------------------------------------------------|-------------------|----------------------------------------------------|
| COMPANY NAME: Calgon Vestal Laboratories | | Tel No: (314) 535-1810 |
| ADDRESS: 5035 Manchester Avenue Saint Louis, Missouri 63110 | | Nights: (314) 862-2000 CHEMTREC: (800) 424-9300 |
| PRODUCT NAME: C-3 Refrigeration Oil | Product No.: 4303 | |
| Synonyms: Refined and Treated Naphthenic Oils | | |

II - HAZARDOUS INGREDIENTS OF MIXTURES

| MATERIAL: | (CAS#) | % By Wt. | TLV | PEL |
|-------------|--------------|----------|-----------------------|-----|
| Mineral Oil | (64742-44-5) | 100 | 5mg/m3 (as a mist) | N/A |

III - PHYSICAL DATA

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|-----------------------------------|----------------------------------|
| Vapor Pressure, mm Hg: <0.0001 | Vapor Density (Air=1) 60-90F: 10 |
| Evaporation Rate(ether=1): N/AV | % Volatile by wt 100 |
| Solubility in H2O: Nil | pH @ N/A Solution N/A |
| Freezing Point F: N/AV | pH as Distributed: N/A |
| Boiling Point F: >212 | Appearance: Colorless liquid |
| Specific Gravity H2O=1 @25C: 0.92 | Odor: Little odor |

IV - FIRE AND EXPLOSION

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|--------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Flash Point F: 330F COC | Flammable Limits: N/A |
| Extinguishing Media: Water fog, chemical foam, dry chemical, CO2 | |
| Special Fire Fighting Procedures: Exercise caution when fighting any chemical fire. Respiratory protection is essential. | |
| Unusual Fire and Explosion Hazards: None | |

V - REACTIVITY DATA

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|---------------------------------------------------------------------------------------------|
| Stability - Conditions to avoid: None known |
| Incompatibility: Strong oxidizers |
| Hazardous Decomposition Products: Exposure to high temperature can produce carbon monoxide. |
| Conditions Contributing to Hazardous Polymerization: Will not occur. |

EFFECTS OF OVEREXPOSURE (Medical Conditions Aggravated/Target Organ Effects,
A. ACUTE (Primary Route of Exposure) EYES & SKIN: May cause reversible
eye and skin irritation.
INGESTION: The product is practically non-toxic. The acute ORAL LD50
(rats) is >15 g/kg.
B. SUBCHRONIC, CHRONIC, OTHER: None known

VII - EMERGENCY AND FIRST AID PROCEDURES

Good First Aid should be followed in all cases of exposure.
EYES: In case of contact, flush with plenty of water for at least 15
minutes. If irritation develops, call a physician.

VIII - SPILL OR LEAK PROCEDURES

Spill Management: Dispose of in accordance with local, state and federal
regulations. Dike area to contain as much spilled material as possible
Remove any remaining material by absorbing on vermiculite or other
suitable material and place in sealed metal container for disposal.

Waste Disposal Methods: Mix with a flammable solvent and incinerate in
accordance with local, state and federal regulations.

IX - PROTECTION INFORMATION/CONTROL MEASURES

Respiratory: Not required

Eye: Safety
glasses

Glove: Not
required

Other Clothing and Equipment: Not required

Ventilation: Local exhaust

X - SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storing: Wash thoroughly after
handling. Keep container closed. Exercise caution in the storage and
handling of all chemical substances.

Additional Information: Read and observe any label precautions.

Prepared by: R.C. Jente

Revision Date: 12/21/88

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. This information is not to be deemed a
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bility.