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MATERIAL SAFETY DATA SHEET  
I - PRODUCT IDENTIFICATION

COMPANY NAME: Calgon Vestal Laboratories  
ADDRESS: 5035 Manchester Avenue  
Saint Louis, Missouri 63110  
Tel No: (314)535-1111  
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PRODUCT NAME: C-4 Refrigeration Oil P-70  
Product No.: 4304

Synonyms: Refined Hydrotreated Naphthenic Oil

II - HAZARDOUS INGREDIENTS OF MIXTURES

MATERIAL:	(CAS#)	% By Wt.	TLV	PEL
Mineral Oil	(64742-44-5)	100	5mg/m <sup>3</sup> (as a mist)	N/A

III - PHYSICAL DATA

Vapor Pressure, mm Hg: Nil	Vapor Density (Air=1)60-90F: 12+
Evaporation Rate(ether=1): N/A	% Volatile by wt 100
Solubility in H <sub>2</sub> O: Nil	pH @ N/A Solution N/A
Freezing Point F: N/A	pH as Distributed: N/A
Boiling Point F: >212	Appearance: Colorless liquid
Specific Gravity H <sub>2</sub> O=1 025C: 0.92	Odor: Little odor

IV - FIRE AND EXPLOSION

Flash Point F: 340F COC Flammable Limits: N/A

Extinguishing Media: Water fog, chemical foam, dry chemical, CO<sub>2</sub>  
Special Fire Fighting Procedures: Exercise caution when fighting any  
chemical fire. Respiratory protection is essential.  
Unusual Fire and Explosion Hazards: None

V - REACTIVITY DATA

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: None known

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C-4 Refrigeration Oil

VI - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE (Medical Conditions Aggravated/Target Organ Effects)  
A. ACUTE (Primary Route of Exposure) EYE & SKIN: may cause reversible  
eye and skin irritation.  
B. INGESTION: The product is practically non-toxic through ingestion. The  
acute Oral LD<sub>50</sub> (rats) is >30g/kg.  
C. SUBCHRONIC, CHRONIC, OTHER: None known

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Good First Aid should be followed in all cases of exposure.  
EYES: In case of eye 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 regulation. 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 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
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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:D. Godward

Revision Date:04/1

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