



MATERIAL SAFETY DATA SHEET

Phase III Refrigeration Oil Test Kit (L)

I - PRODUCT IDENTIFICATION

Company Name: Nu-Calgon Wholesaler, Inc.
Address: 2008 Altom Court, St. Louis, MO 63146-4151
Product Name: Phase III Refrigeration Oil Test Kit (L)
Synonyms: Toluene / Alcohol Blend

Tel No: (314) 469-7000, (800) 554-5499
CHEMTREC: (800) 424-9300
Product Number: 4320L

II - HAZARDOUS INGREDIENTS OF MIXTURES

<u>MATERIAL</u>		<u>CAS#</u>	<u>% By Wt</u>	<u>TLV</u>	<u>PEL</u>
Toluene*	(ORAL LD50 =	108-88-3	<50	200ppm	200ppm
5000mg/kg)	(DERMAL LD50 =				
14g/kg)		67-56-1	<35	200ppm	200ppm
Methanol**	(ORAL LD50 = 13g/kg)	67-63-0	<30	400ppm	400ppm
20g/kg)	(DERMAL LD50 =				
Isopropanol***	(ORAL LD50 =				
5840mg/kg)	(DERMAL LD50 =				
13g/kg)					

*STEL=150ppm; **STEL=1250ppm;
***STEL=500ppm

All ingredients are TSCA listed.

III - PHYSICAL DATA

Vapor Pressure: mm Hg: Unknown
Evaporation Rate: (ether=1): N/AV
Solubility in H₂O: Complete
Freezing Point °F: N/A
Boiling Point °F: <212°
Specific Gravity H₂O=1 @25° C: .827

Vapor Density (Air=1) 60-90° F: Unknown
VOC Content (% by wt.): 100
pH @ Solution: N/A
pH as Distributed: N/A
Appearance: Clear, colorless solution
Odor: Characteristic

IV - FIRE AND EXPLOSION

Flash Point F: <55°F **Flammable Limits:** Unknown
Extinguishing Media: In case of fire use CO₂, foam or dry chemical.
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: Heat and open flame.
Incompatibility: Unknown.
Hazardous Decomposition Products: Unknown.
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) EYE & SKIN: May cause irritation. Prolonged and repeated contact to skin may result in dermatitis. INGESTION & INHALATION: Harmful if swallowed or inhaled. May cause nausea, dizziness and upset stomach.
B. SUBCHRONIC, CHRONIC, OTHER: No available information was found.
C. MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

VII - EMERGENCY AND FIRST AID PROCEDURES

INHALATION: If inhaled, remove patient to fresh air.

EYES: In case of contact, flush with plenty of water for at least 15 minutes. Call a physician.

SKIN: In case of contact, flush with plenty of water. If irritation develops, call a physician.

INGESTION: If swallowed, DO NOT induce vomiting. Call a physician.

VIII - SPILL OR LEAK PROCEDURE

Spill Management: Flush away spill with plenty of water.

Waste Disposal Methods: Flush product waste down drain with plenty of water.

IX - PROTECTION INFORMATION/CONTROL MEASURES

Respiratory: Avoid breathing vapors

Eye Protection: Safety glasses **Glove:** None required

Other Clothing and Equipment: None required.

Ventilation: None required.

X - SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storing : Avoid contact with eyes, skin and clothing.

Additional Information: Keep away from heat, sparks. Wash hands after handling. Read and observe all label precautions.

NFPA

Health Hazard.....: 1

Fire Hazard.....: 2

Reactivity.....: 0

Specific Hazard ...:

HMIS RATING

Health Hazard.....: 1

Fire Hazard.....: 2

Reactivity.....: 0

Personal Protection ...: X (Sec. 9)

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