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## REFRIGERATION OIL

HMIS: 0-0-0

NFPA: 0-0-0

Data Sheet: 126  
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This Material Safety Data Sheet complies with OSHA Hazard Communication Standard 29 CFR 1910.1200.

### SECTION 1: COMPOSITION / INFORMATION ON INGREDIENTS

If present, IARC, NTP, and OSHA Carcinogens are identified with an asterisk (\*) in this section.

<u>Ingredient(s)</u>	<u>Exposure Limits</u>	<u>Percent</u>	<u>Note</u>
Vapco RO-150 & RO-300			
Not Hazardous under OSHA communication.			

### SECTION 2: HAZARDS IDENTIFICATION

**Permissible Exposure Limits:** Not established for this product.

#### Effects of Acute Overexposure:

**Eyes:** Exposure to liquid, vapor, or mist may cause severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and eye damage. Burning may not be immediately painful or visible. Prolonged or repeated exposure may cause irreversible eye damage including corneal damage and blindness.

**Skin:** Exposure to liquid, vapor, or mist may cause severe skin irritation. Symptoms may include redness, burning and severe skin damage.

**Breathing:** Avoid breathing mists. Prolonged or repeated exposure especially when sprayed, may cause irreversible respiratory tract damage.

**Swallowing:** Exposure may be harmful or fatal. Symptoms may include: severe gastrointestinal irritation (nausea, diarrhea, and vomiting), and burns to the mouth, throat, and digestive tract.

**Primary Route(s) of Entry:** Skin contact, eye contact, ingestion and inhalation.

### SECTION 3: FIRST AID MEASURES

**EYES:** Immediately remove individual from exposure area into fresh air. Flush eyes with water for at least 30 minutes while holding eyelids apart. Seek immediate medical attention.

**SKIN:** Remove contaminated clothing immediately. Discard contaminated shoes. Wash exposed area with large amounts of soap and water. If irritation persists or open sores develop, get immediate medical attention.

**BREATHING:** If affected, remove individual to fresh air. If breathing is difficult, administer oxygen (if you have been trained in its use). If breathing has stopped, give artificial respiration. Keep person warm, quiet and get immediate medical attention. If possible do not leave person unattended.

**SWALLOWING:** Do not induce vomiting. Vomiting will cause further damage to the mouth and throat. Administer 2 oz's. vegetable oil. Seek immediate medical attention.

### SECTION 4: FIRE FIGHTING MEASURES

**Flash Point:** ASTM D92, COC >300 °F .

**Explosive Limit:** Not Established for product.

**Extinguishing Media:** Foam, CO<sub>2</sub>, Dry Chemical, Halon.

**Fire Fighting Procedures:** Wear Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fire fighting.

**Fire & Explosion Hazards:** Products of combustion include Carbon Dioxide and Carbon Monoxide.

### SECTION 5: ACCIDENTAL RELEASE MEASURES

**Procedures for cleanup:** Ventilate area. Avoid breathing vapors. Wear appropriate protective clothing. Absorb with inert material. Follow Local, State, and Federal regulations for proper disposal.

**SECTION 6: HANDLING AND STORAGE**

Store in dry location away from heat and sunlight. Store material only in polyethylene containers.

**SECTION 7: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Respiratory Protection:** Not required under normal conditions of use; however, if sprayed or used in confined areas, a NIOSH / MSHA approved respirator may be advised in absence of proper environmental control. OSHA regulations also permit other NIOSH / MSHA respirators under specified conditions -- see 29 CFR 1910.134 or your safety equipment supplier. Engineering and/or administrative controls should be implemented to reduce exposure.

**Ventilation:** Provide sufficient mechanical ventilation (general and/or local exhaust) to maintain exposure below recommended exposure limits.

**Protective Gloves:** Wear chemical resistant gloves such as neoprene or rubber. Contact your safety equipment supplier.

**Eye Protection:** Chemical splash goggles and a face shield to prevent splash on to the face, in compliance with OSHA regulations, are advised.

**Other Protective Equipment:** To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

**SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES**

<u>Property</u>	<u>Measurement</u>	<u>Property</u>	<u>Measurement</u>
Boiling Point	500 °F	Specific Gravity	0.9
Vapor Pressure	<5mm Hg	Percent Volatiles	Negligible
Vapor Density	>1.0	Evaporation Rate	NA
Solubility In Water	0%	Appearance	Mineral Oil
pH	NDA		

**SECTION 9: STABILITY AND REACTIVITY**

**Hazardous Polymerization:** Can not occur.

**Stability:** Stable.

**Incompatibility:** Avoid contact with strong oxidizing agents, acidic materials, and metal. Do not mix with any other products.

**SECTION 10: TOXICOLOGICAL INFORMATION**

No data available at this time.

**SECTION 11: ECOLOGICAL INFORMATION**

No data available at this time.

**SECTION 12: DISPOSAL CONSIDERATIONS**

Dispose of in accordance with all Local, State, and Federal regulations.

**SECTION 13: TRANSPORTATION INFORMATION**

**DOT Hazard Classification:** Lubricating Oil, N.O.S.

**SECTION 14: REGULATORY INFORMATION**

SARA Title III, Section 313 chemicals: None  
Proposition 65 : None

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**SECTION 15: OTHER INFORMATION**

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The information accumulated and reflected in this Material Safety Data Sheet is believed to be accurate but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.