

MATERIAL SAFETY DATA SHEET

PDF Version of MSDS

FRIGI-TECH MINERAL BLEND

I - PRODUCT IDENTIFICATION

Company Name: Frigi-Tech Intl. Inc. **Tel No:** 713-896-6889
Address: 9310 Emmott Road #9
Houston, TX 77040 **CHEMTREC:** (800) 424-9300
Product Name: Frigi-Tech Mineral Oil Blend **Product Number:** 9611
Synonyms: Refrigeration Oil

II - HAZARDOUS INGREDIENTS OF MIXTURES

<u>MATERIAL</u>	<u>CAS#</u>	<u>% By Wt</u>	<u>TLV</u>	<u>PEL</u>
Severely Hydrotreated Napthenic Oil	64742-52-5	>97	N/A	N/A
Additives		<3	N/A	N/A

Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

None of the ingredients are subject to the reporting requirements of SARA, Section 313.

All ingredients are TSCA listed.

III - PHYSICAL DATA

Vapor Pressure: (mm Hg @ 20 ° C) <.001 **Vapor Density (Air=1) 60-90°F:** >10
Evaporation Rate: ND **VOC Content (% by wt.):** No data
Solubility in H₂O: <1% **pH @ Solution:** No data
Freezing Point °C: ND **pH as Distributed:** No data
Boiling Point °C: >260°C **Appearance:** Clear Pale yellow
Specific Gravity H₂O=1 @20°C: 0.91 **Odor:** Petroleum

IV - FIRE AND EXPLOSION

Flash Point F: 460 °F (open cup) **Flammable Limits:** No data
Extinguishing Media: Water fog, foam, carbon dioxide, dry chemical, halogenated agents.
Special Fire Fighting Procedures: Self-contained breathing apparatus with full face piece and protective clothing.
Unusual Fire and Explosion Hazards: Low fire hazard. Unlikely to ignite except in high heat flux conditions. Thermal decomposition will evolve irritant vapors.

V - REACTIVITY DATA

Stability - Conditions to avoid: Stable under normal conditions.
Incompatibility: Strong Oxidizing agents.
Hazardous Decomposition Products: Highly unlikely under intended handling and use.
Combustion products: Carbon dioxide, carbon monoxide.
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) INHALATION: No toxic effects are known to be associated with inhalation of vapors from this material. High concentrations of mist may be slightly irritating to the upper respiratory tract. Thermal decomposition will evolve irritant vapors. EYES: This material may irritate human eyes following contact. SKIN: Short contact periods with human skin are not usually associated with skin irritation; repeated and/or prolonged contact can result in skin irritation. INGESTION: The acute oral LD50 in rat is probably above 2,000 mg/kg. Relative to other materials, this material is classified as "slightly toxic" by ingestion. In humans, irritation of the mouth, pharynx, esophagus and stomach may develop following ingestion of the product.

B. SUBCHRONIC, CHRONIC, OTHER: The ingredients of this product are not classified as carcinogenic by ACGIH or IARC, not regulated as carcinogens by OSHA, and not listed as carcinogens by NTP.

C. MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: N/A

VII - EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove victim to fresh air. If a cough or other respiratory symptoms develop, consult medical personnel.

EYES: Immediately flush with plenty of water for at least 15 minutes. If redness, itching, or a burning sensation develops, have eyes examined and treated by medical personnel.

SKIN: Wash material off of the skin with plenty of soap and water. If redness, itching, or a burning sensation develops, get medical attention. Wash contaminated clothing and decontaminate footwear before reuse.

INGESTION: Do not induce vomiting. Give 1 or 2 glasses of water to drink. If gastrointestinal symptoms develop, consult medical personnel. (Never give anything by mouth to an unconscious person.)

VIII - SPILL OR LEAK PROCEDURE

Spill Management: Wear skin and eye protection during cleanup. Contain spill. Keep out of sewers and drains. Soak up material with absorbent and shovel into a chemical waste container.

Waste Disposal Methods: Discarded product is not a hazardous waste under RCRA, 40 CFR 261. Empty container retains product residue. Observe all hazard precautions. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Remove all product residues from container and puncture or otherwise destroy empty container before disposal.

IX - PROTECTION INFORMATION/CONTROL MEASURES

Respiratory: Not normally needed, if controls are adequate. If needed use MSHA-NIOSH approved respirator for organic vapors.

Eye Protection: Chemical tight goggles **Glove:** Impervious gloves and apron.

Other Clothing and Equipment: Eyewash station and safety shower in work area.

Ventilation: Use ventilation adequate to maintain safe levels.

X - SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storing: Prevent skin and eye contact. Avoid inhalation of high concentrations of mists or vapors.

Additional Information:

<u>NFPA</u>	<u>RATING</u>	<u>HMIS</u>	<u>RATING</u>
Health Hazard.....	0	Health Hazard.....	0
Fire Hazard.....	1	Fire Hazard.....	1
Reactivity.....	0	Reactivity.....	0
Specific Hazard....		Personal Protection....	B (Sec. 9)

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