



## SECTION 1 - Product Information

Product Identifier: 937 Tef-Lube

Product Use: Lubricant

Manufacturer's Name: Aervoe Industries Inc.

Address: 1100 Mark Circle, Gardnerville, NV 89410

Emergency Phone: 1-800-424-9300

Preparation Date: March 7, 2011

## SECTION 2 - Hazardous Ingredients

Hazardous Ingredients	Weight %	CAS Number	LD <sub>50</sub> of Ingredient (species & route)	LC <sub>50</sub> of Ingredient (species)
Severely Hydrotreated Petroleum Oil	30 - 60	64742-53-6	N / AV	N / AV
Aliphatic Petroleum Distillates	30 - 60	64742-47-8	N / AV	N / AV
Carbon Dioxide	1 - 5	124-38-9	N / AV	N / AV

## SECTION 3 - Physical Data

Physical State: Aerosol

Specific Gravity: 0.9

Evaporation Rate: Slower than n-Butyl Acetate

Boiling Point: N / AP

Freezing Point: N / AV

pH: N / AP

Vapor Density (air = 1): Heavier than air

Vapor Pressure (psig): 110 - 120

Odor and Appearance: Cloudy liquid / hydrocarbon odor

Odor Threshold (ppm): N / AV

Coefficient of Water/Oil Distribution: N / AV

## SECTION 4 - Fire and Explosion Data

Flammability: Yes - Flammable aerosol under conditions of sparks, flame, or excessive heat.

Means of Extinction: *Extinguishing Media* - Carbon dioxide, foam, dry chemical. *Firefighting Procedures* - Treat as cylinders of compressed gas. Closed containers may rupture due to pressure build up from extreme temperature. Use water spray to cool containers to prevent pressure build up. Self-contained breathing apparatus should be used if product is involved in fire.

Flashpoint: 150° F (66° C)

Method Used: Estimated

Flammable Limits - LFL: 0.6% UFL: 7.0%

Autoignition Temperature: N / AV

Hazardous Combustion Products: Carbon Monoxide, Carbon Dioxide.

Explosion Data - Sensitivity to Mechanical Impact: No

Explosion Data - Sensitivity to Static Discharge: No

## SECTION 5 - Reactivity Data

Chemical Stability: Stable

Incompatibility with Other Substances: Strong oxidizing agents.

Reactivity &amp; Conditions: None

Hazardous Decomposition Products: None

NOTE: N / AP = Not Applicable N / AV = Not Available

## SECTION 6 - Toxicological Properties

Primary Routes of Entry: Skin Contact, Eye Contact, Inhalation

Effects of Acute Exposure to Product:

*Skin Contact* - Irritation.*Eye Contact* - Irritation.*Inhalation* - Irritation. May cause dizziness, light-headedness and / or headaches.

Effects of Chronic Exposure to Product: Dermatitis.

Exposure Limits (TLV):

HSeverely Hydrotreated Petroleum Oil

5 mg/m<sup>3</sup> TWA - ACGIH 2005

Aliphatic Petroleum Distillates

N / AV - ACGIH 2005

Carbon Dioxide

5000 ppm TWA and 30000 ppm STEL - ACGIH 2005

Irritancy: Skin, eyes, and respiratory tract.

Sensitization: N / AV

Carcinogenicity: The ingredients are not listed as a human carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive Toxicity: N / AV

Teratogenicity: N / AV

Mutagenicity: N / AV

Synergistic Products: N / AV

## SECTION 7 - Preventive Measures

Personal Protective Equipment (PPE): Gloves - Yes Respirator - Yes Eye - Yes Footwear - No Clothing - No Other - No

*Skin Protection* - Chemical resistant gloves such as Neoprene or Nitrile rubber.*Respiratory Protection* - In areas with poor ventilation, use a NIOSH approved Organic Vapor Cartridge Respirator.

For concentrations above the TLV (as defined in Section 6), use a positive air supplied respirator.

*Eye Protection* - Safety glasses or goggles.**Engineering Controls:** General ventilation to maintain exposure limits below TLV's as defined in Section 6.**Leak and Spill Procedure:** Remove all sources of ignition. Ventilate area. Prevent from entering a watercourse. Use an inert absorbent material and non-sparking type tools.**Waste Disposal:** Dispose of in accordance with local, state/provincial or territorial, and federal regulations. Do not incinerate closed containers.**Handling Procedures and Equipment:** Do not use near heat, sparks, or open flame. Use PPE as defined in Section 7.**Storage Requirements:** Do not store near heat, sparks, flame or above 120° F (49° C).**Special Shipping Information:** Consumer Commodity ORM-D.

## SECTION 8 - First Aid Measures

**Inhalation:** Remove from exposure, seek medical attention if signs/symptoms persist.**Ingestion:** Do NOT induce vomiting, seek medical attention.**Skin Contact:** Wash affected area with soap and water, remove contaminated clothing, seek medical attention if irritation persists.**Eye Contact:** Flush immediately with water for 15 minutes, seek medical attention if irritation persists.

## SECTION 9 - Preparation Information

Prepared by: Technical Department

Telephone Number: 775-783-3100

Preparation Date: 3-7-2011

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