

WARREN OIL COMPANY, INC.

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION: Warren Type A Automatic Transmission Fluid

Manufacturer: Warren Oil Company, Inc.
PO Box 1507
Dunn, NC 28334
(910) 892-6456

CAS Number: 69029-75-0

Section 1: Material Identification and Information

Components - Chemical Name & Common Names (Required: hazardous components 1 % or greater; carcinogens 0.1 % or greater)	% *	OSHA PEL	ACGIH TLV	Other Limits Recommended
None				
Non-Hazardous Ingredients: Reclaimed Mineral Oil 69029-75-0	99-100 %	5 mg/m3 (oil mist)	5 mg/m3 (oil mist)	STEL: 10 mg/m3 (oil mist)
Total	100			

Section 2: Physical/Chemical Characteristics

Boiling Point: >500 deg F

Vapor Pressure (mm Hg and Temp.): <0.01 mm Hg at 70 deg F

Vapor Density (air=1): > 1.0

Solubility in Water: Insoluble in Water

Appearance and Odor: Semi-Transparent Dark Brown Liquid, Mild Oil Odor

Specific Gravity (H2O=1): .85-.90

Melting Point: Does Not Apply

Evaporation Rate (Butyl Acetate = 1): 0 at Ambient Temperature

Water Reactive: Non-Reactive in Water

Section 3: Fire and Explosion Hazard Data

Flash Point and Method Used: 300 deg F Min (Cleveland open cup)

Auto-Ignition Temperature: > 500 deg F

Flammability Limits in Air % by Vol.: Non-Flammable

LEL: N/A **UEL:** N/A

Extinguisher Media: Dry Chemical, Foam CO2, Halon

Special Fire Fighting Procedures: Avoid inhalation of mists and wear self-contained breathing apparatus.

* Optional

Section 4: Health Hazard Data

	Effect of Overexposure	First Aid Procedures	Special Protection Information
<i>Eye Contact:</i>	May cause irritation	Flush immediately with water for at least 15 minutes.	Wear safety glasses.
<i>Inhalation:</i>	May cause irritation of mucous membranes. Liquid aspirated into lungs may cause chemical pneumonitis.	Remove victim to fresh air.	Permissible exposure limit for oil mist if 5mg/m ³ . Use NIOSH approved respiratory protection in areas of excessive mist. Use local and mechanical exhaust as necessary to control mist.
<i>Ingestion:</i>	May cause irritation of mucous membranes.	Do not induce vomiting. Seek medical attention	
<i>Skin Absorption:</i>	Prolonged exposure may cause mild irritation and dermatitis.	Wash well with soap and water.	Wear oil impervious gloves.

Section 5: Reactivity Data

Stability: Stable

Incompatibility (Materials to Avoid): Strong oxidizing agents

Conditions to Avoid: Extreme heat and open flame

Hazardous Decomposition Products: May form carbon monoxide as a result of incomplete combustion. Carbon dioxide and oxides of sulfur may form during combustion.

Hazardous Polymerization: Will not occur

Section 6: Spill or Leak Procedures

Steps to be taken in case material is released or spilled: Eliminate all ignition sources. Contain spill with absorbent material or earthen dike. Advise authorities if material has entered sewers, water sources, or extensive land areas.

Waste Disposal Method: Recycle as much as possible. Dispose of absorbent material in accordance with federal, state and local regulations.

Section 7: Special Precautions

Precautions to be taken in handling and storing: Store away from ignition sources and strong oxidizing agents. Avoid extreme heat and contact with open flame.

Other Precautions: Good personal hygiene is important. Keep area clean and wash hands before eating.

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