

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.

U.S. Department of Labor
 Occupational Safety and Health Admin.
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072

IDENTITY (As used on Label and List)
HYDRAULIC FLUID MIL-PRF-32073
Grade 2 - ISO VG 22

NOTE: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

SECTION I

Manufacturer's Name HYDRO SAFE OIL DIVISION, INC.	Emergency Telephone Number (8 AM to 4 PM EST) 800-500-5058
Address (Number, Street, City, State, and ZIP Code) 1500 Kendale Blvd., Ste. 301	Telephone Number for Information 800-500-5058
East Lansing, MI 48823	Date Prepared December 14, 2001
Signature of Preparer (optional)	

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name)	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
--	----------	-----------	--------------------------	--------------

Exposure limits have not been established for any of the components in this product.

See Section VI for additional health hazard information.

N/E - Not Established

All of the components in this product are on the TSCA inventory.

This product contains no substance reportable under the regulations of SARA Title III Section 313 and 40 CFR Part 372.

SECTION III - Physical/Chemical Characteristics

Boiling Point	> 350° F	Specific Gravity	0.9245
Vapor Pressure (mm Hg)	Less than 1	Melting Point	N/D
Vapor Density (AIR = 1)	Greater than 1	Evaporation Rate (Butyl Acetate = 1)	Less than 1
Solubility in Water	Insoluble	pH	Not applicable
Appearance and Odor	Clear amber liquid; bland odor		

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used) 224° C / 435° F (COC)	Flammable Limits	LEL N/D	UEL N/D
Extinguishing Media	Use carbon dioxide, dry chemical or foam.		
Special Fire Fighting Procedures	None		
Unusual Fire and Explosion Hazards	None		
HMIS:	Health - 1,	Flammability - 1,	Reactivity - 0
NFPA:	Health - 1,	Flammability - 1,	Reactivity - 0
			Personal Protection - B Special - None

Hydraulic Fluid MIL-PRF-32073 Grade 2 - ISO VG 22

SECTION V - Reactivity Data

Stability	Unstable		Conditions to Avoid N/A
	Stable	X	

Incompatibility (*Materials to Avoid*)
Strong oxidizers

Hazardous Decomposition or Byproducts
Thermal; oxides of carbon

Hazardous Polymerization	May Occur		Conditions to Avoid N/A
	Will Not Occur	X	

SECTION VI - Health Hazard Data

Route(s) of Entry: Inhalation? Skin? Ingestion?
Possible Possible Unlikely

Health Hazards (*Acute and Chronic*)

INHALATION – Breathing mists may irritate upper respiratory tract. See Section II for applicable exposure limits.

EYE - May cause mild irritation.

SKIN - May cause irritation on prolonged or repeated contact.

INGESTION - No significant effects known.

CHRONIC EFFECTS: Unknown

Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?
No No No No

Signs and Symptoms of Exposure
See Health Hazards above.

Medical Conditions
Generally Aggravated by Exposure Pre-existing skin and respiratory conditions may be aggravated by exposure.

Emergency and First Aid Procedures
INHALATION - Remove to source of fresh air.

EYE - Flush with water 15 minutes. Consult physician if irritation persists.

SKIN - Wash with soap and water. Remove contaminated clothing and launder before reusing.

INGESTION – Consult physician.

SECTION VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
Apply dry absorbent material and sweep up.

CERCLA Reportable Quantity - None

Waste Disposal Method
Follow pertinent regulations for disposal.
RCRA Hazardous Waste Number - N/A.

Precautions to Be Taken in Handling and Storing
Avoid contact with eyes, skin and clothing. Keep away from strong oxidizers.
Wash thoroughly after handling. Use with adequate ventilation.

Other Precautions
Keep containers closed when not in use.

SECTION VIII - Control Measures

Respiratory Protection (*Specify Type*)
Normally not required. Recommended in misting conditions.

Ventilation	Local Exhaust Preferred if misting occurs.	Special N/A
	Mechanical (<i>General</i>) Adequate for general use.	Other N/A

Protective Gloves Rubber Eye Protection Safety goggles or safety glasses with side shields.

Other Protective Clothing or Equipment
Eye wash and safety shower recommended.

Work/ Hygienic Practices Standard hygienic work practices are satisfactory.