

Cover Sheet



INSTRUMENT CORPORATION
 ONE MICROMERITICS DR.
 NORCROSS, GA 30093-1877 U.S.A.

MSDS HIGH PRESSURE FLUID (1-L)

						DWN BY	M. Day
						ENGR	J. Mocny
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B	Revision	MD	04/02/03		030199	Mfg. Eng	P. Hendrix
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Micromeritics Material Safety Data Sheet

Title : High Pressure Fluid (1-L)
Date of Preparation : 04/02/03

MSDS No. : 920/16001/00MSDS
Revision : B

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: High Pressure Fluid

Chemical Formula: n/a

CAS Number: See Section 2

Other Designations:

Supplier: Micromeritics Instrument Corp.
1 Micromeritics Dr.
Norcross, GA 30093-1877 USA

Contact: Human Resources
Phone: (770) 662-3620
Fax: (770) 662-3696

Manufacturer: Micromeritics Instrument Corp. 1 Micromeritics Dr. Norcross, GA 30093
(770) 662-3620

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% vol
Kerosene	68037-01-4	
Synthetic Oil	64742-96-7	

Trace Impurities:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
Kerosene	500 ppm	none estab.	100 ppm	none estab.	none estab.	none estab.	none estab.
Synthetic Oil	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.

Section 3 - Hazards Identification

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Potential Health Effects

Primary Entry Routes:

Acute Effects:

Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation.

Eye: Can cause irritation, redness, tearing.

Skin: Prolonged or repeated contact can cause moderate irritation.

Ingestion: Can cause gastrointestinal irritation and nausea.

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Section 4 - First Aid Measures

Inhalation: Remove individual to fresh air.

Eye Contact: Flush with large amounts of water.

Skin Contact: Thoroughly wash exposed area with soap and water.

Ingestion: Do NOT induce vomiting. Keep person quiet and warm and get medical attention.

Section 5 - Fire-Fighting Measures

Flash Point: 160°F (71.1°C)

Autoignition Temperature: n/a

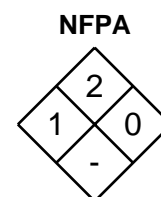
Flammability Classification: 2

Extinguishing Media: Regular foam/carbon dioxide/dry chemical.

Unusual Fire or Explosion Hazards: Vapors are heavier than air.

Hazardous Combustion Products: Does not decompose when exposed to air, water, or strong oxidizers.

Fire-Fighting Instructions: Wear self contained breathing apparatus.



Section 6 - Accidental Release Measures

Spill /Leak Procedures:

Small Spills: Absorb on paper.

Large Spills: Eliminate all ignition sources, dike area, pump liquid to salvage tank, remaining liquid may be taken up with sand, clay, earth, or other absorbent.

Section 7 - Handling and Storage

Handling Precautions:

Protective gloves may be worn. Splash goggles may be worn.

Section 8 - Exposure Controls / Personal Protection

Ventilation: Provide sufficient mechanical ventilation.

Administrative Controls:

Respiratory Protection: If TLV is exceeded - a NIOSH/MSHA approved respirator is advised.

Protective Clothing/Equipment: Neoprene or Nitrile rubber gloves. Splash goggles. To prevent repeated or prolonged contact wear impervious clothing.

Section 9 - Physical and Chemical Properties

Physical State: liquid

Appearance and Odor: n/a

Odor Threshold: n/a

Vapor Pressure: 1.00 mm Hg

Vapor Density (Air=1): 6.1

Formula Weight: n/a

Density: n/a

Specific Gravity (H₂O=1, at 4 °C): .825

pH: n/a

Water Solubility: n/a

Other Solubilities: n/a

Boiling Point: 540°F 282°C

Freezing/Melting Point: n/a

Viscosity: n/a

Refractive Index: n/a

Surface Tension: n/a

% Volatile: n/a

Evaporation Rate: Slower than EthylEther

Section 10 - Stability and Reactivity

Stability: High Pressure Fluid is stable.

Chemical Incompatibilities: n/a

Conditions to Avoid: NFPA - 0

Hazardous Decomposition Products: n/a

Section 11- Toxicological Information

n/a

Section 12 - Ecological Information

n/a

Section 13 - Disposal Considerations

Disposal: Dispose of in accordance with all local, state, federal regulations.

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101):

Section 15 - Regulatory Information

EPA Regulations: n/a

State Regulations: n/a

Section 16 - Other Information

Prepared By: C. Bills

Revision Notes:

Additional Hazard Rating Systems:

Disclaimer: