

SUS-1 - 5ga
 - 23 - 4/1ga
 - 3 - 55ga

MATERIAL SAFETY DATA SHEET

Smitty's Supply Inc.

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MATERIAL SAFETY DATA SHEET

May be used to comply 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
 Administration. (Non-Mandatory Form)
 Form Approved OMB No.1218-0072.

SECTION I GENERAL INFORMATION
PRODUCT NAME Super S R & O Hydraulic Oil

SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	WT.%	Hazardous in Blend	TLV(ACGIHxx OSHA--)
Proprietary Additive Package	<1	No	No Limit
Petroleum Distillates, Hydrotreated Light Naphthenic Petroleum Distillates,	Blend	No	5 mg/m3 (Mist)
Hydrotreated Heavy Naphthenic	Blend	No	5 mg/m3 (Mist)

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity (H ₂ O=1) @ 60°F	0.90	Appearance and Odor	Clear light yellow liquid with mild petroleum odor
Solubility in Water	Negligible	pH	N/A
Flash Point (COC), °F (°C)	350 (177)	Viscosity, cSt @40°C	37.8
Pour Point, °F (°C)	-10 (-23)	Vapor Density (Air=1)	N/A

SECTION IV FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA:

Water	xx	Foam	xx	CO ₂	xx	Dry Chemicals	xx
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SPECIAL FIRE FIGHTING PROCEDURES. Use water to keep fire-exposed containers cool and to protect personnel. If a leak or spill has not ignited, use water spray to disperse the vapors and to flush spills away from exposures. Avoid inhaling any combustion products. Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS. Mist or sprays may be flammable below the product normal flash point.

SECTION V REACTIVITY DATA

Stable	Unstable	Corrosive	No	Hazardous Polymerization?	Yes	No	xx
xx							

Incompatibilities: Heat, open flame, and oxidizing agents.

Hazardous Decomposition or Byproducts: Combustion products may include smoke, fumes, oxides of phosphorus, boron, sulfur, nitrogen, carbon dioxide, carbon monoxide, and other low molecular weight hydrocarbons.

SECTION VI HEALTH HAZARD INFORMATION

Recommended TLV of Product		5 mg/m ³ (short term: 10 mg/ m ³)	
EYE CONTACT	May cause irritation to the eyes.	SKIN CONTACT	May cause irritation to the skin. Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.
INHA-LATION	Low hazard at standard temperatures and pressures. Inhalation of oil mist or fumes can cause irritation of the nose, throat and upper respiratory tract.	INGESTION	May cause nausea, vomiting and diarrhea.
OTHER	Small amounts of this product, if aspirated into the lungs, may cause mild to severe pulmonary injury, possibly death.		

SECTION VII EMERGENCY AND FIRST AID PROCEDURES	
EYE CONTACT	Flush with large amount of water for 15 minutes. Get medical attention if eye irritation develops or persists.
SKIN CONTACT	Wash with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if skin disorder develops.
INHALATION	If affected, remove individual to fresh air. If not breathing, give mouth-to-mouth resuscitation. Get medical attention if symptoms develop or persist.
INGESTION	Do not induce vomiting. Get immediate medical attention or advice.

SECTION VIII SPECIAL PROTECTION INFORMATION	
RESPIRATORY PROTECTION	CONSUMER BULK HANDLING (Prolonged Exposure) N/A If mist is generated (heating, spraying) and engineering controls are not sufficient, wear NIOSH approved organic vapor respirator suitable for oil mist.
VENTILATION	Use with adequate ventilation. Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended exposure limits.
EYE PROTECTION	N/A Goggles or full-face shield if splash or mist occurs.
PROTECTIVE CLOTHING	N/A Oil-impervious garments over exposed parts of the body if contact is unavoidable.

SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE	
SPILL OR LEAK PROCEDURE	Observing health hazards described above, ventilate area. Dike to contain spill. Pick up free liquid for recycle and/or disposal. Residual liquid and/or solid can be absorbed on inert material. Keep from sewers and natural waterways.
WASTE DISPOSAL METHOD	Dispose in accordance with all local, state and federal regulations. Keep this product out of sewers and waterways.
STORAGE AND HANDLING PRECAUTIONS	Store away from heat, sparks, open flame, or strong oxidizing agents in closed and properly labeled containers. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. Do not pressure, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode.
OTHER PRECAUTIONS	When using this material, do not eat, drink or smoke. Wash thoroughly after handling. Keep away from children and animals.

SECTION X OTHER INFORMATION	
NFPA Hazard Rating	- Health 1 Slight - Fire 1 Slight - Reactivity 0 Least

While Smitty's Supply Inc. believes this data is accurate as of revision date, we make no warranty with respect to the data and we expressly disclaim all liability for reliance thereon. The data is offered solely for your information, investigation, and verification.