

MATERIAL SAFETY DATA SHEET

Manufacturer: Schaeffer Mfg. Company		Emergency Response Number:		
Address: 102 Barton Street		314-865-4105 or		
Address: St. Louis, MO 63104		800-325-9962		
SECTION 1 – PRODUCT INFORMATION				
Chemical Family: Petroleum Hydrocarbons and Additives		Trade Name: #127 Moly Rock Drill Oil SAE 50 ISO 150/220		
Formula: Solvent refined severely hydro-finished paraffin base oils, extreme pressure agents, emulsifiers, anti-wear agents, pour point depressants, molybdenum disulfide.				
SECTION 2 – HAZARDOUS INGREDIENTS				
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES	CAS Number	%	Exposure Limits	
			TVL	
			ppm	Mg/m ³
Antimony dithiocarbamate	15890-25-2	.2-.5		0.5
Zinc Dithiophosphate	26566-95-0	<1		NE
Molybdenum Disulfide	26566-95-0	1-3		10
Poly (oxy-1-2 Ethanedyl) alpha (Nonylphenyl)-omega-hydroxy	9016-45-9	2		NE
Ethylene Oxide	75-21-8	<4 ppm	25	
Section 3 – PHYSICAL DATA				
Boiling Point:	>600°F/316°C	Specific Gravity:	.8905	
Vapor Pressure (mm, Hg):	<.1	% Volatile:	Not Established	
Vapor Density (Air = 1):	Not Established	Evaporation Rate: (=1)	Not Established	
Solubility in Water:	Emulsifies	pH:	Not Applicable	
Appearance and Odor: Grey color, slight smell.				
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA				
Flash Point (Method) ° F° C: 510°F/265.5°C C.O.C.		Flammability Limits UEL & LEL ----Not Determined		
Extinguishing Media: Carbon dioxide foam, dry chemical foam, sand, earth, waterfog.				
Special Fire Fighting Procedures: Firefighters must use self-contained breathing apparatus..				
Unusual Fire & Explosion Hazards: None expected.				
SECTION 5 - REACTIVITY HAZARD DATA				
STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE		Hazardous Decomposition <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR		
Conditions to Avoid: High heat, high energy ignition sources				
Incompatibility (Mat. to avoid): Strong oxidants				
Hazardous Decomposition Products: Oxides of carbon, sulfur, phosphorus, aldehydes and ketones.				
Conditions to Avoid: None				
SECTION 6 - HEALTH HAZARD DATA				
Threshold Limit Value and Sources: 5.0/mg/m ³ . OSHA & ACGIH.				
Acute Effects of Overexposure:				
Ingestion:	Nausea and Diarrhea.			
Eye Contact:	Irritation and redness to eyes			
Skin Contact:	Prolonged and repeated contact with the skin can cause irritation and redness to skin.			
Inhalation:	Vapors can be given off under high heat conditions excessive breathing of vapors can cause irritation of the respiratory tract.			
CHRONIC EFFECTS OF OVEREXPOSURE: None currently known				
Emergency and First Aid Procedures:				
Swallowing:	If a large amount of this material is swallowed give a large amount of water to drink. Do not induce vomiting. Seek medical attention immediately.			
Skin:	Wash skin thoroughly with soap and water. Launder contaminated clothing.			
Inhalation:	Remove victim to fresh air. If breathing is labored administer oxygen. If breathing has stopped start artificial respiration immediately.			
Eyes:	Flush eyes with clear, cool, clean water for 15 minutes. Seek medical attention immediately			
SECTION 7 – SPILL OR LEAK PROCEDURES				
Environmental Impact: This material is not expected to present any environmental problems other than those associated with oil spills. If spilled into a watercourse, call the Coast Guard Toll Free No. 800-424-8802.				
Procedures To Be Taken If Material Is Released or Spilled: Immediately absorb spilled material with absorbent clay, diatomaceous earth or other suitable material. Keep out of sewers and waterways.				
Waste Disposal Method: Dispose of at an approved waste or disposal site facility in accordance with all applicable federal, state and local laws and regulations.				
SECTION 8 – SPECIAL PROTECTION INFORMATION				
Respiratory Protection:	None required under ordinary conditions of use.			
Ventilation:	No special requirement under ordinary conditions of use and with adequate ventilation.			
Eye Protection:	Goggles of face shield.			
Protective Clothing:	None required.			

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SECTION 9 – SPECIAL PRECAUTIONS
Precautions To Be Taken In Handling and Storage: Do not store near heat, spark, flame or strong oxidizers. Keep containers closed when not in use.
Special Comments: Remove oil soaked clothing, launder before reuse. Wash skin thoroughly with soap and water after handling. Keep away from food and feed products. Avoid breathing vapors or mist.
SECTION 10 – ADDITIONAL HEALTH AND TOXICOLOGICAL DATA
This product does not contain any of the chemicals in amounts greater than .1% listed as causing cancer in the National Toxicology Program's Annual reports, the International Agency for Cancer Research's Monographs and OSHA's 1910.10 Subpart Z List.
This product contains a trace amount of Ethylene Oxide. Ethylene Oxide is listed on the State of California's Proposition 65 List as a potential cancer causing agent and reproductive toxin.

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