

# MATERIAL SAFETY DATA SHEET

<b>Manufacturer:</b> Schaeffer Mfg. Company		<b>Emergency Response Number:</b>		
<b>Address:</b> 102 Barton Street		314-865-4105 (24-hour emergency number or		
<b>Address:</b> St. Louis, MO 63104		800-325-9962		
<b>SECTION 1 – PRODUCT INFORMATION</b>				
<b>Chemical Family:</b> Petroleum Hydrocarbons and Additives		<b>Trade Name:</b> #127 Moly Rock Drill Oil ISO 150		
<b>Formula:</b> Proprietary mixture				
<b>SECTION 2 – HAZARDOUS INGREDIENTS</b>				
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES	CAS Number	%	Exposure Limits	
			TVL	
			ppm	Mg/m <sup>3</sup>
Antimony dithiocarbamate	15890-25-2	0.2-0.5		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	
<b>Section 3 – PHYSICAL DATA</b>				
<b>Boiling Point:</b>	>600°F/316°C	<b>Specific Gravity:</b>	.8883	
<b>Vapor Pressure (mm, Hg):</b>	<.1	<b>% Volatile:</b>	Not Established	
<b>Vapor Density (Air = 1):</b>	Not Established	<b>Evaporation Rate: (=1)</b>	Not Established	
<b>Solubility in Water:</b>	Emulsifies	<b>pH:</b>	Not Applicable	
<b>Appearance and Odor:</b> Grey color, slight smell.				
<b>SECTION 4 - FIRE AND EXPLOSION HAZARD DATA</b>				
<b>Flash Point (Method) °F/°C:</b> 490°F/254.4°C C.O.C.		<b>Flammability Limits UEL &amp; LEL ----</b> Not Determined		
<b>Extinguishing Media:</b> Carbon dioxide foam, dry chemical foam, sand, earth, waterfog.				
<b>Special Fire Fighting Procedures:</b> Firefighters must use self-contained breathing apparatus..				
<b>Unusual Fire &amp; Explosion Hazards:</b> None expected.				
<b>SECTION 5 - REACTIVITY HAZARD DATA</b>				
<b>STABILITY</b>	<input checked="" type="checkbox"/> STABLE	<input type="checkbox"/> UNSTABLE	<b>Hazardous Decomposition</b> <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR	
<b>Conditions to Avoid:</b> High heat, high energy ignition sources				
<b>Incompatibility (Mat. to avoid):</b> Strong oxidants				
<b>Hazardous Decomposition Products:</b> Oxides of carbon, sulfur, phosphorus, aldehydes and ketones.				
<b>Conditions to Avoid:</b> None				
<b>SECTION 6 - HEALTH HAZARD DATA</b>				
<b>Threshold Limit Value and Sources:</b> 5.0/mg/m <sup>3</sup> . OSHA & ACGIH.				
<b>Acute Effects of Overexposure:</b>				
<b>Ingestion:</b>	Nausea and Diarrhea.			
<b>Eye Contact:</b>	Irritation and redness to eyes			
<b>Skin Contact:</b>	Prolonged and repeated contact with the skin can cause irritation and redness to skin.			
<b>Inhalation:</b>	Vapors can be given off under high heat conditions excessive breathing of vapors can cause irritation of the respiratory tract.			
<b>CHRONIC EFFECTS OF OVEREXPOSURE:</b> None currently known				
<b>Emergency and First Aid Procedures:</b>				
<b>Swallowing:</b>	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.			
<b>Skin:</b>	Wash skin thoroughly with soap and water. Launder contaminated clothing.			
<b>Inhalation:</b>	Remove victim to fresh air. If breathing is labored administer oxygen. If breathing has stopped start artificial respiration immediately.			
<b>Eyes:</b>	Flush eyes with clear, cool, clean water for 15 minutes. Seek medical attention immediately			
<b>SECTION 7 – SPILL OR LEAK PROCEDURES</b>				
<b>Environmental Impact:</b> 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.				
<b>Procedures To Be Taken If Material Is Released or Spilled:</b> Immediately absorb spilled material with absorbent clay, diatomaceous earth or other suitable material. Keep out of sewers and waterways.				
<b>Waste Disposal Method:</b> Dispose of at an approved waste or disposal site facility in accordance with all applicable federal, state and local laws and regulations.				
<b>SECTION 8 – SPECIAL PROTECTION INFORMATION</b>				
<b>Respiratory Protection:</b>	None required under ordinary conditions of use.			
<b>Ventilation:</b>	No special requirement under ordinary conditions of use and with adequate ventilation.			
<b>Eye Protection:</b>	Goggles of face shield.			
<b>Protective Clothing:</b>	None required.			

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SECTION 9 – SPECIAL PRECAUTIONS		
<b>Precautions To Be Taken In Handling and Storage:</b> Do not store near heat, spark, flame or strong oxidizers. Keep containers closed when not in use.		
<b>Special Comments:</b> 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		
<b>HMIS &amp; NFPA Ratings:    Health = 1            Fire = 1            Reactivity = 0</b>		
<p>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.</p> <p>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.</p> <p>This product contains 0.2-0.5% of Antimony Dithiocarbamate CAS #15890-25-2 which is listed on the EPA's SARA Title III as Antimony and Antimony Compounds</p> <p>All of the components in this material are on the US TSCA Inventory. All components are in compliance with the Canadian Environmental Act.</p> <p>Transportation Information:</p> <p>DOT Classification: Not Regulated IMDG Classification: Not Regulated IATA Classification: Not Regulated</p>		

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