

MATERIAL SAFETY DATA SHEET

Manufacturer: Schaeffer Mfg. Company	Emergency Response Number: 314-865-4105 (24-hour emergency number) or 800-325-9962
Address: 102 Barton Street	
Address: St. Louis, MO 63104	

SECTION 1 - PRODUCT INFORMATION

Chemical Family: Petroleum Hydrocarbons and Additives	Trade Name: #209 Moly Universal Gear Lube SAE 90
Formula: Proprietary Mixture	

SECTION 2 - HAZARDOUS INGREDIENTS

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES	CAS Number	%	Exposure Limits			
			TVL		PEL	
			ppm	mg/m ³	ppm	mg/m ³
Petroleum Base Oils	64742-01-4, 64742-62-7, 64742-52-5	90-92		5		5
Olefin Sulfide	68937-96-2	3-4		NE		NE
Molybdenum Disulfide	1317-33-5	1-3		10		15

Section 3 - PHYSICAL DATA

Boiling Point:	>600°F/300°C	Specific Gravity:	.8984
Vapor Pressure (mm, Hg):	Not Determined	% Volatile:	Nil
Vapor Density (Air = 1):	Not Determined	Evaporation Rate: (=1)	Not Determined
Solubility in Water:	Insoluble	pH:	Not Applicable
Appearance and Odor: Grey black color, strong odor.			

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method) °F/°C: 440°F/232°C (ASTM D-92)	C.O.C.	Flammability Limits UEL & LEL: ---Not Determined
Extinguishing Media: Carbon dioxide foam, dry chemical foam, sand, earth		
Special Fire Fighting Procedures: For fires involving this material, do not enter any enclosed or confined space without protective equipment including self-contained breathing apparatus.		
Unusual Fire & Explosion Hazards: Dense black smoke.		

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 oxidizers and reducers.	
Hazardous Decomposition Products: Oxides of carbon and by products of incomplete combustion.	
Conditions to Avoid: None	

SECTION 6 - HEALTH HAZARD DATA

Threshold Limit Value and Sources: 5.0/mg/m ³ for oil mist. OSHA & ACGIH.	
Acute Effects of Overexposure:	
Ingestion:	Nausea and Diarrhea. Tackiness agents in this product may possibly be coagulated by stomach acids.
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 conscious give two glasses 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 or oil dri. Keep out of sewers and waterways. Shovel up and dispose of in approved waste containers.	
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. This product is not considered to be an RCRA hazardous waste.	

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:	Chemical resistant goggles of face shield.
Protective Clothing:	Oil resistant gloves.

SECTION 9 – SPECIAL PRECAUTIONS		
<p>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.</p>		
<p>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</p>		
SECTION 10 – ADDITIONAL HEALTH AND TOXICOLOGICAL DATA		
<p align="center">HMIS & NFPA Ratings: Health = 1 Fire = 1 Reactivity = 0</p>		
<p>This product does not contain any of the chemicals listed on the National Toxicology Program Annual Reports on Carcinogens, The International Agency for Cancer Research Monographs and OSHA's 1910.10 Subpart Z List.</p>		
<p>This product does not contain any chemicals that are found on the State of California's Proposition 65 List for chemicals classified as potential reproductive or cancer causing agent.</p>		
<p>This product does not contain greater than 1% of any of the chemicals listed on the EPA's SARA Title III Section 302/304 and 313 list and CERCLA 102 (a).</p>		
<p>All of the components in this material are on the US TSCA Inventory List. All of the components of this material are in compliance with the Canadian Environmental Protection Act, the EC Seventh Amendment Directive 921321EEC ..</p>		
<p>Transport Information:</p>		
<p>US DOT: Not regulated. Not dangerous for transport under the US DOT Regulations IATA: Not Regulated. Not dangerous for transport under the IATA Regulations IMDG: Not Regulated Not dangerous for transport under the IMO Regulations</p>		
<p>EC Symbols: None EC Risk Phrase: None EC Safety Phrase: Not Classified</p>		

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