

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 & Additives		Trade Name: #107 Moly Bond X-200 SAE 20				
Formula: Solvent refined severely hydro-finished paraffin base oil, multi-functional performance additive package, viscosity index improvers, pour point depressants.						
SECTION 2 – HAZARDOUS INGREDIENTS						
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES	CAS Number	%	Exposure Limits			
			TVL		PEL	
			ppm	mg/m ³	ppm	mg/m ³
Zinc C1-C14 Alkyldithiophosphate	68649-42-3	.11-.135		NE		NE
Molybdenum Trialkyldithiocarbamate Specific chemical identity withheld (trade secret)		<1		10		15
100% Paraffin Base Oil	64742-54-7, 64742-65-0, 64742-57-0, 64742-62-7, 64742-01-4	83-85		5		5
Section 3 – PHYSICAL DATA						
Boiling Point:	600°F/315.5°C	Specific Gravity:	.8789			
Vapor Pressure (mm, Hg):	<.1	% Volatile:	Not Determined			
Vapor Density (Air = 1):	Not Determined	Evaporation Rate: (=1)	Not Determined			
Solubility in Water:	Negligible	pH:	Not Applicable			
Appearance and Odor: Blue green color, petroleum odor.						
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA						
Flash Point (Method) ° F/° C: 425°F/315.5°C C.O.C. ASTM D-92		Flammability Limits UEL & LEL ----Not Determined.				
Extinguishing Media: Carbon dioxide foam, dry chemical foam, sand, earth, waterfog.						
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: Carbon dioxide, carbon monoxide, sulfur oxides, aldehydes and other 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.					
Eye Contact:	Irritation and redness of eyes.					
Skin Contact:	Prolonged or repeated skin contact may cause irritation and redness to skin.					
Inhalation:	Inhalation of vapors given off by high heat may cause irritation to the upper respiratory tract.					
CHRONIC EFFECTS OF OVEREXPOSURE: Prolonged or repeated skin contact may cause skin irritation.						
Emergency and First Aid Procedures:						
Swallowing:	Do not induce vomiting. If conscious give 2 glasses of water. Seek medical attention immediately.					
Skin:	Wash with soap and water. Launder contaminated clothing. Seek medical attention if irritation develops.					
Inhalation:	Remove to fresh air. If breathing is irregular or has stopped, start artificial respiration or administer oxygen if available.					
Eyes:	Flush eyes with clear, cool 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: Absorb spills with absorbent clay or other suitable material. Keep out of sewers and watercourses. Advise authorities if product has entered courses by diking or impounding.						
Waste Disposal Method: Dispose of at an approved waste or disposal site or 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:	Local exhaust to capture vapor or mists if necessary.					
Eye Protection:	Splash goggles or face shield when eye contact may occur.					
Protective Clothing:	Oil resistant or chemical resistant gloves. Chemical resistant apron if needed to avoid contaminating regular clothing.					

SECTION 9 – SPECIAL PRECAUTIONS			
Precautions To Be Taken In Handling and Storage: Keep container closed when not in use. Do not handle or store near heat, sparks, flame, or strong oxidants.			
Special Comments: Wash skin thoroughly with soap and water after handling. Keep away from food and feed products. Launder contaminated clothing before reuse. Discard clothing and shoes if oil soaked.			
SECTION 10 – ADDITIONAL HEALTH AND TOXICOLOGICAL DATA			
HMIS & NFPA Rating:			
Health = 1	Fire = 1	Reactivity = 0	
This product does not contain any chemicals that are listed as causing cancer in the National Toxicology Program's Annual Report, the International Agency for Cancer Research's Monographs, and OSHA's 1910.10 Subpart Z List.			
This product does not contain any of the chemicals that are listed on the State of California's Proposition 65 List as cancer causing agent or potential reproductive toxins.			
This product does not contain greater than 1% of any of the chemicals listed on the EPA's SARA Title III Section 302, 304, & 313 lists. All components used in the formulation of this product are on the US TSCA Inventory.			

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