

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 Hydrocarbon Oil		Trade Name: #281 Heat Transfer Oil	
Formula: Petroleum base oil, high temperature oxidation inhibitor.			
SECTION 2 – HAZARDOUS INGREDIENTS			
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES	CAS Number	%	Exposure Limits
			TVL
			ppm mg/m³
Paraffinic Petroleum Base Oil	64741-88-4	0-99	5
Section 3 – PHYSICAL DATA			
Boiling Point:	>600°/315.5°C	Specific Gravity:	.8705
Vapor Pressure (mm, Hg):	<.0001	% Volatile:	NIL
Vapor Density (Air = 1):	14+	Evaporation Rate: (=1)	1000X
Solubility in Water:	Insoluble	pH:	Not Applicable
Appearance and Odor: Clear Color, mild odor.			
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA			
Flash Point (Method) ° F/° C: 445°F/229.44°C C.O.C.		Flammability Limits UEL & LEL ----Not Determined.	
Extinguishing Media: Waterfog, chemical foam, dry chemical foam, carbon dioxide foam.			
Special Fire Fighting Procedures: Do not enter confined or enclosed space without wearing protective clothing including a self contained breathing apparatus.			
Unusual Fire & Explosion Hazards: None			
SECTION 5 - REACTIVITY HAZARD DATA			
STABILITY	<input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	Hazardous Polymerization <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR	
Conditions to Avoid: None.			
Incompatibility (Mat. to avoid): Strong Oxidizers.			
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide.			
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:	Contact with the eyes may cause a mild irritation and redness to eyes.		
Skin Contact:	Prolonged or repeated contact can cause irritation and redness to the skin.		
Inhalation:	If vapors are inhaled during high heat conditions, irritation of the upper respiratory tract can occur.		
CHRONIC EFFECTS OF OVEREXPOSURE: None currently known.			
Emergency and First Aid Procedures:			
Swallowing:	Give victim 2 large glasses of water to drink. Do not induce vomiting. Seek medical attention immediately.		
Skin:	Wash affected area with soap and water. Launder contaminated clothing. Throw away oil soaked shoes.		
Inhalation:	Remove person to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, start artificial respiration.		
Eyes:	Rinse eyes with cool, clean, clear 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 material or pigs. Keep out of sewers and watercourses. Shovel up and place in an oil waste drum.			
Waste Disposal Method: Dispose of in accordance with all local, state and federal 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 or face shield.		
Protective Clothing:	Neoprene or oil resistant gloves.		
SECTION 9 – SPECIAL PRECAUTIONS			
Precautions To Be Taken In Handling and Storage: Store as a NFPA Class III B Liquid. Keep away from food and feed products. Keep containers closed when not in use.			
Special Comments: Launder contaminated clothing before reuse. Wash hands and skin thoroughly with soap and water after handling.			

SECTION 10 – ADDITIONAL HEALTH AND TOXICOLOGICAL DATA

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 Subpart ZList.

This product does not contain any of the chemicals listed on the Section 313 or Section 302.4 Lists.

This product is not a RCRA hazardous waste after usage.

This product does not contain any of the chemicals that are listed as potential reproductive toxins or cancer causing agent by the State of California's Proposition 65 List.

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