

Hydraulic Oil

ATF
PSF

Material Safety Data Sheet
(Similar to Form OSHA-20)

QUAKER SUPREME CHEMICAL CORP.
P. O. DRAWER 77
MONTGOMERY, AL 36101

INDEX: LNI CR215
DATE: 11/19/85
SUPERCEDES: 09/12/85

Section I

MOORE & MUNGER MARKETING, INC. 140 Sherman Street Fairfield, CT 06430		Health <u>1</u> Flammability <u>1</u> Reactivity <u>0</u> Personal Protection <u>B</u>	HMIS** RATING
MANUFACTURER: <u>X</u> SELLER: <u>X</u>			
INFORMATION ON HEALTH HAZARDS CALL: (203) 259-7861, EXT 262			
TRADE NAME and SYNONYMS Industrial Oil IP-150	CHEMICAL NAME and SYNONYMS Lubricating Oil		
CAS No. <u>64742-52-5</u>			
FORMULA <u>Complex mixture of</u> <u>Petroleum Hydrocarbons</u>	CHEMICAL FAMILY <u>Petroleum</u> <u>Hydrocarbon</u>		

Section II - Hazardous Ingredients

PRINCIPAL HAZARDOUS COMPONENT(S)	%	TLV (Units)
None Known	NA	NA

Section III - Physical Data

BOILING POINT F <u>600+</u>	SPECIFIC GRAVITY <u>.91</u>
VAPOR PRESSURE (mmHg) <u><1</u>	POUNDS PER GAL. @ 60 F <u>7.58</u>
VAPOR DENSITY (Air=1) <u>1+</u>	% VOLATILE BY VOLUME <u><1</u>
SOLUBILITY IN WATER <u>Negligible</u>	EVAPORATION RATE (BUAC=1) <u><1</u>
	VISCOSITY, cSt @ 40 C <u>29.3</u>
APPEARANCE AND ODOR <u>Light to Dark Amber Color. Hydrocarbon Odor</u>	

Section IV - Health Hazard Data

THRESHOLD LIMIT VALUE 8 hours <u>5 mg/m3 as mist ACGIH 1984-85</u>	PRIMARY ROUTE OF ENTRY <u>Dermal/Inhalation/Oral</u>
EFFECTS OF OVER EXPOSURE <u>Prolonged or repeated liquid contact with the skin will dry and defat the skin, leading to irritation and dermatitis. Inhalation of fumes in high concentration may result in dizziness, headache, respiratory irritation or unconsciousness. The lethal oral dosage for 150 lb. human is approximately 1 pint to 1 quart.</u>	
CHRONIC EFFECTS <u>None expected when good industrial hygiene practices are employed.</u>	
FIRST AID TREATMENT <u>If overcome by fumes, remove from exposure immediately; call a Physician. If breathing is irregular or stopped, start resuscitation, administer oxygen. If ingested, DO NOT induce vomiting; call a Physician. In case of skin contact, remove any contaminated clothing, and wash skin with soap and warm water. If irritation persists, call a Physician. If splashed into eyes, flush eyes with clear water for 15 minutes.</u>	

Section V - Fire and Explosion Hazard Data

FLASH POINT (ASTM D-92) 340 F FLAMMABLE LIMITS: LEL ND UEL ND
AUTO IGNITION ND
EXTINGUISHING MEDIA CO₂, water spray or fog, foam, dry chemical
SPECIAL FIRE FIGHTING PROCEDURES Cool exposed containers with water spray. Avoid breathing fumes.
UNUSUAL FIRE AND EXPLOSION HAZARDS Pressure increase in over heated, closed containers. Cool containers with water spray.

Section VI - Reactivity Data

STABILITY: UNSTABLE _____ STABLE X
CONDITIONS TO AVOID Extreme heat.
INCOMPATIBILITY (Materials to avoid) Strong oxidants
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR X MAY OCCUR _____
HAZARDOUS DECOMPOSITION PRODUCTS Partial burning produces fumes, smoke and carbon monoxide.

Section VII - Spill or Leak Procedures

IN CASE OF SPILL/LEAK: Remove ignition sources. Keep people away. Recover liquid. Add absorbent (sand, sawdust, etc.) to spill area. Minimize breathing of fumes. Ventilate confined spaces. Open all windows & doors. Advise authorities if product enters sewers, etc.
WASTE DISPOSAL METHOD: Assure conformity with applicable disposal regulations. Dispose of absorbed material at approved waste site.

Section VIII - Special Protection Information

PROTECTION: EYE Use goggles/face shield to avoid eye contact.
GLOVES Use impervious gloves, if needed, to avoid repeated/prolonged skin contact. RESPIRATORY Normally not required. Respirator for mist. OTHER CLOTHING/EQUIPMENT As needed to prevent repeated/prolonged contact. If clothes become contaminated, change to fresh clean clothing; do not wear contaminated clothes until thoroughly laundered. VENTILATION: LOCAL: Face velocity greater than 60 cfm. MECHANICAL: No special requirement.

Section IX - Special Precautions

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Keep containers closed when not in use. Do not handle or store near heat or flames.
OTHER PRECAUTIONS Avoid breathing fumes. Wash skin thoroughly with soap/warm water after handling. Use chemical resistant gloves and apron.

ND = No Data

NA = Not Applicable

** HMIS = HAZARDOUS MATERIAL IDENTIFICATION SYSTEM developed by the National Paint and Coatings Association.

The suggestions and data provided herewith are based upon tests and information which we believe to be reliable. However, users should make their own investigations to determine the suitability of the information or products for their particular purpose.