

MATERIAL SAFETY DATA SHEET

(Essentially similar to Form OSHA-20) <Complies with 29CFR 1910.1200>

EMERGENCY 24 HOURS:
CHEMTREC: 800/424-9300

CODE NUMBER: E0060

DATE

930402

TRADE NAME: AM HYDRAULIC OIL ISO VG 68

SUPERCEDES

900809

CHEMICAL FAMILY: PETROLEUM

C.A.S. NO.: "MIXTURE"

CARCINOGENIC INGREDIENTS/OSHA/NTP/IARC: NONE

TSCA INFORMATION: COMPONENTS OF THIS PRODUCT ARE LISTED

SECTION II — HAZARDOUS INGREDIENTS

COMPONENTS	C.A.S. NOS.	TLV/PEL PPM	mg/m ³	PERCENT BY WEIGHT/VOLUME
SOLU REF PETR BASE STOCK	64742-65-0 64742-18-3		5	<100
CONTAINS ZINC SALT OF DIALKYL DITHIOPHOSPHORIC ACID JUDGED NOT TO AFFECT THE POTENTIAL HEALTH AND ENVIRONMENTAL IMPACT OF THE PRODUCT. THIS PRODUCT DEFINED AS NON-HAZARDOUS EXCEPT AS STATED ABOVE. DISCLOSURE OF INGREDIENTS AVAILABLE TO PHYSICIAN OR NURSE IN EVENT OF MEDICAL EMERGENCY				

SECTION III — FIRE AND EXPLOSION HAZARD DATA

HAZARDOUS THERMAL DECOMPOSITION CARBON MONOXIDE AND ASPHYXIANTS	FLAMMABLE LIMITS: LEL — UEL N/A
EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATERFOG	FLASH POINT: ASTM D92(COC) >225 °C < 437 °F DOT INFORMATION: OIL, N.O.S.
UNUSUAL FIRE AND EXPLOSION HAZARDS: SLIGHTLY COMBUSTIBLE, WHEN HEATED ABOVE FLASH POINT WILL RELEASE FLAMMABLE VAPORS WHICH CAN BURN IN OPEN OR BE EXPLOSIVE IN CONFINED SPACES IF EXPOSED TO SOURCE OF IGNITION.	
SPECIAL FIRE FIGHTING PROCEDURES: DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT AND SELF CONTAINED BREATHING APPARATUS.	

SECTION IV — PHYSICAL DATA

BOILING RANGE: >300 °C UOC, 1HR @ 110 DEG C (D2369), NON-EXEMPT = NIL	SOLUBILITY: NEG	PH: N/D
VAPOR PRESSURE: <0.01mm Hg 8-20 °C	APPEARANCE AND ODOR: AMBER, OILY LIQUID PETROLEUM ODER	% VOLATILE BY VOLUME
VAPOR DENSITY	EVAPORATION RATE	SPECIFIC GRAVITY
HEAVIER THAN AIR	LESS THAN ETHER	0.889
		7.40
		NIL

SECTION V — REACTIVITY DATA

INCOMPATIBILITY <MATERIALS TO AVOID>: STRONG OXIDIZING AGENTS	CONDITIONS TO AVOID: DO NOT HEAT ABOVE FLASH POINT
STABILITY: STABLE	
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE AND ASPHYXIANTS	
HAZARDOUS POLYMERIZATION NONE	OCCUPATIONAL EXPOSURE LIMIT TLV = 5mg/m ³ AS OIL MIST

HY-O-LENE OIL CORP.
4539 Cecelia Street
CUDAHY, CALIFORNIA 90201

SECTION VI - HEALTH HAZARD DATA

ROUTE OF EXPOSURE

ADVERSE EFFECTS:**FIRST AID PROCEDURES:**

NFPA

ING	NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFFECTS EXCEPT IN VERY SENSITIVE INDIVIDUALS	DO NOT INDUCE VOMITING. CONSULT PHYSICIAN	
INH	NO SIGNIFICANT ADVERSE HEALTH EFFECTS ARE EXPECTED TO OCCUR ON SHORT TERM EXPOSURE	REMOVE FROM CONTAMINATED AREA. APPLY ARTIFICIAL RESPIRATION. IF UNCONSCIOUS CONSULT PHYSICIAN	
ECY	NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFFECTS EXCEPT IN VERY SENSITIVE INDIVIDUALS	FLUSH WITH COPIOUS AMOUNTS OF WATER. IF IRRITATION DEVELOPS CONSULT PHYSICIAN	
ASCCKO UIN TN E	NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFFECTS EXCEPT IN VERY SENSITIVE INDIVIDUALS	WASH WITH SOAP AND WATER. CONSULT PHYSICIAN IF IRRITATION OR INFLAMMATION DEVELOPS	
CSC HKO RIN ON N I C	PROLONGED AND/OR REPEATED CONTACT MAY PRODUCE MILD SKIN IRRITATION AND INFLAMMATION. PERSONNEL WITH PRE-EXISTING SKIN DISORDER SHOULD AVOID CONTACT	WEAR PROTECTIVE CLOTHING TO AVOID SKIN CONTACT. CONSULT PHYSICIAN IF IRRITATION OR INFLAMMATION DEVELOPS	

<DOT> SECTION VII - SPILL OR LEAK PROCEDURES <EPA>

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: STOP FLOW. WIPE OR MOP UP OR ABSORB WITH DIATOMACEOUS EARTH OR OTHER INERT MATERIAL. STORE IN APPROPRIATE CONTAINER FOR DISPOSAL.

WASTE DISPOSAL METHOD:

IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

TRANSPORTATION INFORMATION: CONSULT 49 CFR PARTS 1-300 AND REFER TO SECTION III OF THIS MSDS FOR ADDITIONAL RECOMMENDATIONS

CONCERNING PLACARDING

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NONE NORMALLY REQUIRED

PROTECTIVE GLOVES: RECOMMENDED

EYE PROTECTION: REQUIRED

OTHER PROTECTIVE EQUIPMENT: CHEMICALLY RESISTANT BOOTS AND APRONS RECOMMENDED.

VENTILATION: SUFFICIENT TO MAINTAIN ATMOSPHERE BELOW TLV LIMIT

SECTION IX - SPECIAL PRECAUTIONS**PRECAUTIONS TO BE TAKEN WHEN HANDLING OR STORING:**

AVOID STORAGE NEAR OPEN FLAME OR OTHER SOURCES OF IGNITION. EXCESSIVE MISTING MAY CAUSE SLIPPERY FLOORS. PROPER FOOTWEAR REQUIRED.

PERSONAL HYGIENE: WASH HANDS WITH SOAP AND WATER BEFORE EATING, DRINKING, OR SMOKING.

OTHER PRECAUTIONS: WASH OR TAKE SHOWER IF GENERAL CONTACT OCCURS. REMOVE OIL-SOAKED CLOTHING AND LAUNDRY BEFORE REUSE. DISCARD CONTAMINATED LEATHER CLOVES AND SHOES.

APPROVED BY:

DATE: 940309

AM HYDRAULIC OIL ISO VG 68

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HAZARD

HEALTH

FIRE

REACTIVITY

PERSONAL PROTECTION (NFPA)

