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MATERIAL SAFETY DATA SHEET



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SECTION 1 IDENTIFICATION		NAME H-V150A		SYNONYMS NAPHTHENIC LUBE DISTILLATE	REV DATE 04-16-90
CAS REGISTRY NO.	64742-52-5	CAS NAME SEVERELY HYDROTREATED HEAVY NAPHTHENIC DISTILLATE		CHEMICAL FAMILY PETROLEUM DISTILLATE	
				ERGON REFINING, INC. P.O. BOX 309 VICKSBURG, MS 39180	
				INFORMATION SUPPLIED BY JENNIFER GILLIAN AND PHONE (501)-639-4960	

SECTION 2 INGREDIENTS
MATERIAL(S) A COMPLEX COMBINATION OF HYDROCARBONS OBTAINED BY TREATING A PETROLEUM FRACTION WITH HYDROGEN IN THE PRESENCE OF A CATALYST. IT CONSISTS OF HYDROCARBONS HAVING CARBON NUMBERS PREDOMINANTLY IN THE RANGE OF C20 THROUGH C50 AND PRODUCES A FINISHED OIL WITH A VISCOSITY NEAR 150 SUS @ 100 DEGREES F.

SECTION 3 PHYSICAL DATA					
BOILING POINT: 760 mm Hg	500-1100 °F	260-595 °C	VAPOR PRESSURE: (mm Hg AT 20°C)	1	pH INFORMATION pH N/A @ N/A g/l H ₂ O
MELTING POINT	-20 °F	-30 °C	VAPOR DENSITY: (AIR = 1)	5	OCTANOL/WATER PARTITION COEFFICIENT
SPECIFIC GRAVITY: (H ₂ O=1)	0.92		SOLUBILITY IN H ₂ O (% BY VOL)	NIL	ND
PACKING DENSITY: (WHEN APPLICABLE)	Kg/m ³	N/A	% VOLATILES BY VOL:	NIL	APPEARANCE AND ODOR
			EVAPORATION RATE: (ETHYL ETHER = 1)	N/A	GOLDEN OILY LIQUID MILD PETROLEUM ODOR
					ODOR THRESHOLD (ppm)
					ND

SECTION 4 FIRE AND EXPLOSION DATA (CONT. ON PAGE 2)					
FLASH POINT	330 CUC °F	165 CUC °C	AUTOIGNITION TEMPERATURE:	1600 °F	1315 °C
NFPA CLASSIFICATION		HAZARD RATING		FLAMMABLE LIMITS IN AIR	
HEALTH	0	FIRE	1	REACTIVITY	0
		LEAST	SLIGHT		
		0	1	LOWER EXPLOSIVE LEVEL (LEL)	ND % VOL
SPECIFIC HAZARD		MODERATE	HIGH	EXTREME	UPPER EXPLOSIVE LEVEL (UEL)
		2	3	4	ND % VOL

FIRE AND EXPLOSION HAZARDS:
H-V150A IS AN OSHA CLASS III-B COMBUSTIBLE LIQUID.

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<p>EXTINGUISHING MEDIA HALON, DRY CHEMICAL, FOAM, CO2 AND WATER MIST OR FOG. WATER MAY BE USED TO COOL BELOW FLASH POINT.</p>	<p>SPECIAL FIRE FIGHTING INSTRUCTIONS DO NOT USE FORCED STREAM AS THIS COULD CAUSE FIRE TO SPREAD.</p>
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SECTION 5 HEALTH HAZARD INFORMATION

EXPOSURE LIMITS
ACGIH TLV AND OSHA PEL (OIL MIST) = 5 MG/CUBIC METER (8 HOUR TWA)
ACGIH STEL (OIL MIST) = 10 MG/CUBIC METER

ROUTES OF EXPOSURE AND EFFECTS
INHALATION INHALATION OF VAPORS OR MIST MAY BE IRRITATING TO RESPIRATORY PASSAGES. PROLONGED EXPOSURE MAY RESULT IN DIZZINESS AND NAUSEA.

SKIN PROLONGED AND REPEATED CONTACT CAN DEFAT THE SKIN WHICH MAY RESULT IN DRYNESS, DERMATITIS, AND CRACKING OF THE SKIN.

EYE EYE CONTACT MAY RESULT IN IRRITATION AND REDNESS.

INGESTION MAY RESULT IN NAUSEA OR STOMACH DISCOMFORT.

FIRST AID

INHALATION REMOVE TO FRESH AIR. ASSIST BREATHING IF NECESSARY. SEEK MEDICAL HELP.

SKIN WASH THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. REUSE ONLY AFTER CLEANING.

EYE WASH WITH WATER. IF IRRITATION OR REDNESS PERSISTS SEEK MEDICAL HELP.

INGESTION IF SWALLOWED, OBSERVE FOR SIGNS OF STOMACH DISCOMFORT OR NAUSEA. IF SYMPTOMS PERSIST, SEEK MEDICAL HELP.

SECTION 6 REACTIVITY DATA (CONT. ON PAGE 3)

<p>STABILITY STABLE</p>	<p>INCOMPATIBLE MATERIALS STRONG OXIDIZERS</p>	<p>HAZARDOUS DECOMPOSITION PRODUCTS COMBUSTION PRODUCTS INCLUDE CARBON DIOXIDE AND</p>
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POLYMERIZATION
WILL NOT OCCUR.

SECTION 7 PROTECTION INFORMATION

VENTILATION

ADEQUATE VENTILATION IS REQUIRED WHERE EXCESSIVE HEATING OR AGITATION MAY OCCUR TO MAINTAIN CONCENTRATION BELOW EXPOSURE LIMITS.

PERSONAL PROTECTIVE EQUIPMENT

EYE SAFETY GLASSES OR FACE SHIELD WHERE SPLASHING IS POSSIBLE.

GLOVES SOLVENT RESISTANT.

RESPIRATOR NOT NORMALLY NEEDED. RESPIRATOR SHOULD BE USED IN AREAS WHERE VAPOR CONCENTRATIONS ARE EXCESSIVE DUE TO HIGH TEMPERATURES OR WHERE OIL MISTING OCCURS.

OTHER AS NEEDED TO PREVENT REPEATED SKIN CONTACT.

SECTION 8 DISPOSAL PROCEDURES

AQUATIC TOXICITY

ADVISE AUTHORITIES IF PRODUCT HAS ENTERED OR MAY ENTER WATERCOURSES OR SEWER DRAINS.

SPILL, LEAK OR RELEASE

STOP SPILL AT SOURCE IF POSSIBLE WITHOUT RISK. CONTAIN SPILL. ELIMINATE SOURCES OF IGNITION. SPILL AREA WILL BE SLICK. RECOVER ALL POSSIBLE MATERIAL FOR RECLAMATION. USE NON-FLAMMABLE ABSORBENT MATERIAL TO PICK UP REMAINDER OF SPILL.

WASTE DISPOSAL

FOLLOW LOCAL, STATE, AND FEDERAL REGULATIONS.

SECTION 9 SPECIAL PRECAUTIONS

STORAGE AND HANDLING CONDITIONS

FOLLOW HEALTH AND SAFETY INFORMATION AS PROVIDED ON THIS MSDS.

SECTION 10 PRECAUTIONARY LABEL (IF APPLICABLE)

N/A