

MATERIAL SAFETY DATA SHEET

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

SECTION I

CODE NUMBER: B2396

DATE 9/06/04

MAX-LIFE 400 SAE 15W40

CHEMICAL FAMILY: PETROLEUM

CARCINOGENIC INGREDIENTS/OSHA/NTP/IARC: NONE

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

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 BASE STOCK	64742-54-7		5	<80 U
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/D
EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATERFOG	FLASH POINT: ASTM D92 (COC) >200 °C < 392 °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		SOLUBILITY: NEGLIGIBLE		PH: N/D	
VAPOR PRESSURE: <0.01mm Hg @ 20° C		APPEARANCE AND ODOR:		BROWN, OILY LIQUID PETROLEUM ODOR	
VAPOR DENSITY	EVAPORATION RATE	SPECIFIC GRAVITY	WEIGHT PER GALLON	% VOLATILE BY VOLUME	
HEAVIER THAN AIR	LESS THAN ETHER	0.881	7.33	NIL	

SECTION V — REACTIVITY DATA

INCOMPATIBILITY <MATERIALS TO AVOID>: STRONG OXIDIZING AGENTS	
STABILITY: STABLE	CONDITIONS TO AVOID: DO NOT HEAT ABOVE FLASH POINT
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE AND ASPHYXIANTS	
HAZARDOUS POLYMERIZATION NONE	OCCUPATIONAL EXPOSURE LIMIT 3

EMERGENCY 24 HOURS:
CHEMTREC: 800/424-9300HY-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	
ECYEN	NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFFECTS EXCEPT IN VERY SENSITIVE INDIVIDUALS	FLUSH WITH COPIOUS AMOUNTS OF WATER. IF IRRITATION DEVELOPS CONSULT PHYSICIAN	
ASCKOINTN 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 HKORIN 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 GLOVES AND SHOES.

APPROVED BY:

DATE: 930108

LABORATORY MANAGED

MAX-LIFE MOTOR OIL 400 SAE 15W40

4539 Cecelia Street
CUDAHY, CALIFORNIA 90201

MAX-LIFE MOTOR OIL
MAX-LIFE MOTOR OIL

CODE

B2396

HEALTH

REACTIVITY



PERSONAL PROTECTION (NFPA)

FIRE

MATERIAL SAFETY DATA SHEET

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

 EMERGENCY 24 HOURS:
 CHEMTREC: 800/424-9300

CODE NUMBER: D0212 **DATE:** 950519
TRADE NAME: DEXRON III/MERCON AUTOMATIC TRANSMISSION FLUID **990610**
CHEMICAL FAMILY: PETROLEUM
CARCINOGENIC INGREDIENTS/OSHA/NTP/IARC: NONE **C.A.S. NO.:** "MIXTURE"
TSCA INFORMATION: COMPONENTS OF THIS PRODUCT ARE LISTED

SECTION II - HAZARDOUS INGREDIENTS

COMPONENTS	C.A.S. NOS.		TLV/PEL		PERCENT BY WEIGHT/VOLUME
			PPM	mg/m ³	
SOLU REF HCY PARAFFNIC DISTILLTE	64742-54-7			5	99.0 U
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: FLASH POINT: >200 °C	LEL - UEL N/D ASTM D92 (COC) < 392 °F
	EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, FOWL, WATERFOG 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: >325° C UOC, LIR @ 110 DEG C (02369), NON-EXEMPT = NIL		SOLUBILITY: INSOLUBLE	PH: N/D	
VAPOR PRESSURE: <0.01mm Hg @ 20 ° C		APPEARANCE AND ODOR: RED OILY LIQUID PETROLEUM ODOR		
VAPOR DENSITY	EVAPORATION RATE	SPECIFIC GRAVITY	WEIGHT PER GALLON	% VOLATILE BY VOLUME
HEAVIER THAN AIR	LESS THAN ETHER	0.863	7.18	NIL

SECTION V - REACTIVITY DATA

INCOMPATIBILITY <MATERIALS TO AVOID>: STRONG OXIDIZING AGENTS

STABILITY: STABLE **CONDITIONS TO AVOID:** DO NOT HEAT ABOVE FLASH POINT

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE AND ASPHYXIANTS

HAZARDOUS POLYMERIZATION: NONE **OCCUPATIONAL EXPOSURE LIMIT:** TLV = 5mg/m³ AS OIL MIST

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

SECTION VI - HEALTH HAZARD

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	
	ECVOEN	NOT NORMALLY EXPECTED TO CAUSE ANY ILL EFFECTS EXCEPT IN VERY SENSITIVE INDIVIDUALS	FLUSH WITH COPIOUS AMOUNTS OF WATER. IF IRRITATION DEVELOPS CONSULT PHYSICIAN	
	ASCCKOUINTNE	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	
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<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 LAUNDER BEFORE REUSE. DISCARD CONTAMINATED LEATHER GLOVES AND SHOES.

APPROVED BY: RICHARD J. EBERHARDT
LABORATORY MANAGER

DATE: 950801

DEXRON III/MERCON AUTOMATIC TRANSMISSION FLUID
4539 Caceria Street
Beverly Hills, California 90212

HY-OLENE OIL CORP.

00212

HEALTH

FIRE

REACTIVITY

PERSONAL PROTECTION (NFPA)

