

MATERIAL SAFETY DATA SHEET

(Essentially Similar To Form OSHA-20) • Complies with 29CFR 1910.1200

32901



A Division of Southwest Lubricants
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HEALTH

REACTIVITY

PERSONAL PROTECTION (NFPA)

SECTION I

TRADE NAME: MAXUM-4 EXTRA 15W50 SH/CD

DATE 8/11/94

CODE NUMBER: 32901/32505

SUPERCEDES

CHEMICAL FAMILY: PARAFFIN HYDROCARBON & ESTER

C.A.S. NO. MIXTURE

CARCINOGENIC INGREDIENTS/OSHA/NIP/IARC: NONE

TCSA INFORMATION: COMPONENTS OF THIS PRODUCT ARE LISTED.

SECTION II-HAZARDOUS INGREDIENTS

COMPONENTS	C.A.S. NOS.	TLV/PEL PPM	mg/m3	% BY WEIGHT VOLUME
PARAFFIN HYDROCARBON	68037014		5	<50
ESTER	68424317	N/D		<50

SECTION III-FIRE AND EXPLOSION HAZARD DATA

HAZARDOUS THERMAL DECOMPOSITION	FLAMMABLE LIMITS:	LEL-UEL
Carbon Monoxide & asphyxiants		n/a
EXTINGUISHING MEDIA: Carbon Dioxide, Dry chemical, Foam, Water Fog.	FLASHPOINT: ASTM D92	>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 the open or explode confined if ignited.		
SPECIAL FIRE FIGHTING PROCEDURES: Do not enter any enclosed or confined area without proper protective equipment & self contained breathing apparatus.		

SECTION IV-PHYSICAL DATA

BOILING RANGE: >300°C		SOLUBILITY: Neg.		PH: n/d	
VAPOR PRESSURE: <0.01mmHg @ 20°C		APPEARANCE AND ODOR: oily liquid, no odor			
VAPOR DENSITY	EVAPORATION RATE	SPECIFIC GRAVITY	WEIGHT PER GALLON	% VOLATILE BY VOLUME	
Heavier THAN AIR	Less THAN ETHER	0.88	7.4	nil	

SECTION V-REACTIVITY DATA

INCOMPATIBILITY	<MATERIAL TO AVOID>: Strong oxidizers
STABILITY: stable	CONDITION TO AVOID: Do not heat above flash point.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide & asphyxiants	
HAZARDOUS POLYMERIZATION none	occupational exposure limit: TLV = 5mg/m ³ as oil mist.

SECTION VI-HEALTH HAZARD DATA

R O U T E O F E X P O S U R E	ADVERSE AFFECTS		FIRST AID PROCEDURES	NFPA
	ING	Not normally expected to cause any ill effects except in very sensitive individuals.	Do not induce vomitting. Consult a physician.	
	INH	No significant adverse health effects are expected to occur on short time exposure.	Remove from contaminated area. Apply artificial respiration. If unconscious consult a physician.	
	ECYON	Not normally expected to cause any ill effects.	Flush with copious amounts of water.	
	ASC CK UIN T N E	Not normally expected to cause any ill effects.	Wash with soap & water. Consult physician if irritation occurs.	
	CSC HK O R I N I C	Prolonged or repeated contact may produce mild irritation. Personnel with skin disorders should avoid contact.	Wear protective clothing to avoid skin contact. Consult physician if irritation should develop.	

<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 inert material. Store in appropriate container for disposal.

WASTE DISPOSAL METHOD: In accordance with local, state & federal regulations.

TRANSPORTATION INFORMATION: Consult 46CFR parts 1-300 and refer to section III of this MSDS for additional information.

SECTION VIII-SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None normally required.

PROTECTIVE GLOVES: Recommended.

OTHER PROTECTIVE EQUIPMENT: Eye protection recommended.


VENTILATION: Sufficient to maintain atmosphere below TLV limit.

SECTION IX-SPECIAL PRECAUTIONS

PRECAUTION TO BE TAKEN WHEN HANDLING OR STORING: Avoid storage near open flame. Avoid spills as floor becomes very slippery.

PERSONAL HYGIENE: Wash with soap & water.

OTHER PRECAUTIONS: Wash or shower if general contact occurs. Remove oil-soaked clothing & launder before reuse.

APPROVED BY: 
R. REED
C.O.O.

DATE: 8/11/94

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