

MOBIL OIL CORPORATION MATERIAL SAFETY DATA BULLETIN

REVISED: 10/24/91

\*\*\*\*\* I. PRODUCT IDENTIFICATION \*\*\*\*\*

	MOBIL SHC 626
SUPPLIER:	24-HOUR EMERGENCY (CALL COLLECT):
MOBIL OIL CORP.	(609) 737-4411
CHEMICAL NAMES AND SYNONYMS:	CHEMTREC:
SYN. HYDROCARBONS AND ADDITIVES	(800) 424-9300
USE OR DESCRIPTION:	PRODUCT AND MSDS INFORMATION:
LUBE OIL	(800) 662-4525

\*\*\*\*\* II. TYPICAL CHEMICAL AND PHYSICAL PROPERTIES \*\*\*\*\*

APPEARANCE: STRAW LIQUID	ODOR: MILD	PH: NA
VISCOSITY AT 100 F, SUS: 332.0	AT 40 C, CS: 65.0	
VISCOSITY AT 210 F, SUS: 62.0	AT 100 C, CS: 10.4	
FLASH POINT F(C): > 470(243) (ASTM D-92)		
MELTING POINT F(C): NA	POUR POINT F(C): -65(-54)	
BOILING POINT F(C): > 600(316)		
RELATIVE DENSITY, 15/4 C: 0.86	SOLUBILITY IN WATER: NEGLIGIBLE	
VAPOR PRESSURE-MM HG 20C: < .1		

NA=NOT APPLICABLE NE=NOT ESTABLISHED D=DECOMPOSES  
 FOR FURTHER INFORMATION, CONTACT YOUR LOCAL MARKETING OFFICE.

\*\*\*\*\* III. POTENTIALLY HAZARDOUS INGREDIENTS \*\*\*\*\*

NONE

SEE SECTIONS XII AND XIII FOR REGULATORY AND FURTHER COMPOSITIONAL DATA.

SOURCES: A=ACGIH-TLV, A\*=SUGGESTED-TLV, M=MOBIL, O=OSHA, S=SUPPLIER  
 NOTE: LIMITS SHOWN FOR GUIDANCE ONLY. FOLLOW APPLICABLE REGULATIONS.

\*\*\*\*\* IV. HEALTH HAZARD DATA \*\*\*\*\*

--- INCLUDES AGGRAVATED MEDICAL CONDITIONS, IF ESTABLISHED ---  
 THRESHOLD LIMIT VALUE: 5.00 MG/M3 SUGGESTED FOR OIL MIST  
 EFFECTS OF OVEREXPOSURE: NOT EXPECTED TO BE A PROBLEM.

\*\*\*\*\* V. EMERGENCY AND FIRST AID PROCEDURES \*\*\*\*\*

--- FOR PRIMARY ROUTES OF ENTRY ---  
 EYE CONTACT: FLUSH THOROUGHLY WITH WATER. IF IRRITATION PERSISTS, CALL A PHYSICIAN.  
 SKIN CONTACT: WASH CONTACT AREAS WITH SOAP AND WATER.  
 INHALATION: REMOVE FROM FURTHER EXPOSURE. IF RESPIRATORY IRRITATION, DIZZINESS, NAUSEA, OR UNCONSCIOUSNESS OCCURS, SEEK IMMEDIATE MEDICAL ASSISTANCE AND CALL A PHYSICIAN. IF BREATHING HAS STOPPED, USE MOUTH TO MOUTH RESUSCITATION.  
 INGESTION: NOT EXPECTED TO BE A PROBLEM WHEN INGESTED. IF UNCOMFORTABLE SEEK MEDICAL ASSISTANCE.

## \*\*\*\*\* VI. FIRE AND EXPLOSION HAZARD DATA \*\*\*\*\*

FLASH POINT F(C): > 470(243) (ASTM D-92)  
FLAMMABLE LIMITS. LEL: .6% UEL: 7.0%  
EXTINGUISHING MEDIA: CARBON DIOXIDE, FOAM, DRY CHEMICAL AND WATER FOG.  
SPECIAL FIRE FIGHTING PROCEDURES: WATER OR FOAM MAY CAUSE FROTHING.  
USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL. WATER SPRAY MAY BE  
USED TO FLUSH SPILLS AWAY FROM EXPOSURE. FOR FIRES IN ENCLOSED  
AREAS, FIREFIGHTERS MUST USE SELF-CONTAINED BREATHING APPARATUS.  
PREVENT RUNOFF FROM FIRE CONTROL OR DILUTION FROM ENTERING STREAMS,  
SEWERS, OR DRINKING WATER SUPPLY.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE.  
NFPA HAZARD ID: HEALTH: 0, FLAMMABILITY: 1, REACTIVITY: 0

## \*\*\*\*\* VII. REACTIVITY DATA \*\*\*\*\*

STABILITY (THERMAL, LIGHT, ETC.): STABLE  
CONDITIONS TO AVOID: EXTREME HEAT.  
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS  
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE.  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

## \*\*\*\*\* VIII. SPILL OR LEAK PROCEDURE \*\*\*\*\*

ENVIRONMENTAL IMPACT: REPORT SPILLS AS REQUIRED TO APPROPRIATE  
AUTHORITIES. U. S. COAST GUARD REGULATIONS REQUIRE IMMEDIATE  
REPORTING OF SPILLS THAT COULD REACH ANY WATERWAY INCLUDING  
INTERMITTENT DRY CREEKS. REPORT SPILL TO COAST GUARD TOLL FREE  
NUMBER (800) 424-8802. IN CASE OF ACCIDENT OR ROAD SPILL NOTIFY  
CHEMTREC (800) 424-9300.  
PROCEDURES IF MATERIAL IS RELEASED OR SPILLED: ADSORB ON FIRE RETARDANT  
TREATED SAWDUST, DIATOMACEOUS EARTH, ETC. SHOVEL UP AND DISPOSE OF  
AT AN APPROPRIATE WASTE DISPOSAL FACILITY IN ACCORDANCE WITH  
CURRENT APPLICABLE LAWS AND REGULATIONS, AND PRODUCT  
CHARACTERISTICS AT TIME OF DISPOSAL.  
WASTE MANAGEMENT: PRODUCT IS SUITABLE FOR BURNING IN AN ENCLOSED,  
CONTROLLED BURNER FOR FUEL VALUE OR DISPOSAL BY SUPERVISED  
INCINERATION. SUCH BURNING MAY BE LIMITED PURSUANT TO THE RESOURCE  
CONSERVATION AND RECOVERY ACT. IN ADDITION, THE PRODUCT IS  
SUITABLE FOR PROCESSING BY AN APPROVED RECYCLING FACILITY OR CAN BE  
DISPOSED OF AT ANY GOVERNMENT APPROVED WASTE DISPOSAL FACILITY.  
USE OF THESE METHODS IS SUBJECT TO USER COMPLIANCE WITH APPLICABLE  
LAWS AND REGULATIONS AND CONSIDERATION OF PRODUCT CHARACTERISTICS  
AT TIME OF DISPOSAL.

## \*\*\*\*\* IX. SPECIAL PROTECTION INFORMATION \*\*\*\*\*

EYE PROTECTION: NORMAL INDUSTRIAL EYE PROTECTION PRACTICES SHOULD BE  
EMPLOYED.  
SKIN PROTECTION: NO SPECIAL EQUIPMENT REQUIRED. HOWEVER, GOOD PERSONAL  
HYGIENE PRACTICES SHOULD ALWAYS BE FOLLOWED.  
RESPIRATORY PROTECTION: NO SPECIAL REQUIREMENTS UNDER ORDINARY  
CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.  
VENTILATION: USE IN WELL VENTILATED AREA.

## \*\*\*\*\* X. SPECIAL PRECAUTIONS \*\*\*\*\*

NO SPECIAL PRECAUTIONS REQUIRED.

\*\*\*\*\* XI. TOXICOLOGICAL DATA \*\*\*\*\*  
---ACUTE TOXICOLOGY---

ORAL TOXICITY (RATS): NONTOXIC ---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.  
DERMAL TOXICITY (RABBITS): NONTOXIC ---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.  
INHALATION TOXICITY (RATS): NOT ESTABLISHED  
EYE IRRITATION (RABBITS): EXPECTED TO BE NON-IRRITATING. ---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.  
SKIN IRRITATION (RABBITS): EXPECTED TO BE NON-IRRITATING. ---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.

\*\*\*\*\* XII. REGULATORY INFORMATION \*\*\*\*\*  
GOVERNMENTAL INVENTORY STATUS: ALL COMPONENTS REGISTERED IN ACCORDANCE WITH TSCA.

DOT:  
SHIPPING NAME: NOT APPLICABLE  
HAZARD CLASS: NOT APPLICABLE

US OSHA HAZARD COMMUNICATION STANDARD: PRODUCT ASSESSED IN ACCORDANCE WITH OSHA 29 CFR 1910.1200 AND DETERMINED NOT TO BE HAZARDOUS.

RCRA INFORMATION: THE UNUSED PRODUCT, IN OUR OPINION, IS NOT SPECIFICALLY LISTED BY THE EPA AS A HAZARDOUS WASTE (40 CFR, PART 261D); DOES NOT EXHIBIT THE HAZARDOUS CHARACTERISTICS OF IGNITABILITY, CORROSIVITY, OR REACTIVITY, AND IS NOT FORMULATED WITH THE CONTAMINANTS LISTED IN THE TOXICITY CHARACTERISTIC (TC) RULE AS DETERMINED BY THE TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP). HOWEVER, USED PRODUCT MAY BE REGULATED.

THIS PRODUCT HAS BEEN AUTHORIZED BY USDA FOR USE UNDER THE FOLLOWING CATEGORY: H2 - LUBRICANTS WITH NO FOOD CONTACT

U.S. SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) TITLE III: THIS PRODUCT CONTAINS NO "EXTREMELY HAZARDOUS SUBSTANCES".

(311/312 - FORMERLY 302) REPORTABLE HAZARD CATEGORIES: NONE

THIS PRODUCT CONTAINS NO CHEMICALS REPORTABLE UNDER SARA (313) TOXIC RELEASE PROGRAM.

THE FOLLOWING PRODUCT INGREDIENTS ARE CITED ON THE LISTS BELOW:

CHEMICAL NAME CAS NUMBER LIST CITATIONS  
\*\*\* NO REPORTABLE INGREDIENTS \*\*\*

--- KEY TO LIST CITATIONS ---

- 1 = OSHA Z, 2 = ACGIH, 3 = IARC, 4 = NTP, 5 = NCI,
- 6 = EPA CARC, 7 = NFPA 49, 8 = NFPA 325M, 9 = DOT HMT, 10 = CA RTK,
- 11 = IL RTK, 12 = MA RTK, 13 = MN RTK, 14 = NJ RTK, 15 = MI 293,
- 16 = FL RTK, 17 = PA RTK, 18 = CA P65.

--- NTP IARC, AND OSHA INCLUDE CARCINOGENIC LISTINGS

NOTE: MOBIL PRODUCTS ARE NOT FORMULATED TO CONTAIN PCBS.

\*\*\*\*\* XIII. INGREDIENTS \*\*\*\*\*

INGREDIENT DESCRIPTION	PERCENT	CAS NUMBER
CONTAINS THE FOLLOWING BASE OILS:	> 95.00	
ALKENES, C>10 ALPHA, POLYMD.		68527-08-2
HEXANEDIOIC ACID, DITRIDECYL ESTER		16958-92-2

BENZENAMINE, N-PHENYL	0.05	122-39-4
-----------------------	------	----------

\*\*\*\*\* APPENDIX \*\*\*\*\*

FOR MOBIL USE ONLY: MCN: , MHC: 0\* 0\* NE 0\* 0\*, MPPEC: A, PPEC: A, US91-450 APPROVE 07/23/91 REQ: US - MARKETING

\*\*\*\*\*  
 INFORMATION GIVEN HEREIN IS OFFERED IN GOOD FAITH AS ACCURATE, BUT WITHOUT GUARANTEE. CONDITIONS OF USE AND SUITABILITY OF THE PRODUCT FOR PARTICULAR USES ARE BEYOND OUR CONTROL; ALL RISKS OF USE OF THE PRODUCT ARE THEREFORE ASSUMED BY THE USER AND WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IN RESPECT TO THE USE OR SUITABILITY OF THE PRODUCT. NOTHING IS INTENDED AS A RECOMMENDATION FOR USES WHICH INFRINGE VALID PATENTS OR AS EXTENDING LICENSE UNDER VALID PATENTS. APPROPRIATE WARNINGS AND SAFE HANDLING PROCEDURES SHOULD BE PROVIDED TO HANDLERS AND USERS.  
 \*\*\*\*\*

PREPARED BY: MOBIL OIL CORPORATION  
 ENVIRONMENTAL HEALTH AND SAFETY DEPARTMENT, PRINCETON, NJ  
 FOR FURTHER INFORMATION, CONTACT:  
 MOBIL OIL CORPORATION, PRODUCT FORMULATION AND QUALITY CONTROL  
 3225 GALLOWS ROAD, FAIRFAX, VA 22037 (800) 227-0707 X3265