

EXXONMOBIL OIL CORPORATION -- 606350-00 MOBIL RARUS SHC 1026 -- 9150-01-487-8166

===== Product Identification =====

Product ID:606350-00 MOBIL RARUS SHC 1026

MSDS Date:06/20/2000

FSC:9150

NIIN:01-487-8166

Status Code:A

MSDS Number: CLRKG

=== Responsible Party ===

Company Name:EXXONMOBIL OIL CORPORATION

Address:3225 GALLOWS RD

City:FAIRFAX

State:VA

ZIP:22037

Country:US

Info Phone Num:800-662-4525

/ 856-224-4644

Emergency Phone Num:(800)424-9300

Chemtrec Ind/Phone:(800)424-9300

CAGE:UO751

=== Contractor Identification ===

Company Name:AMERICAN INK AND OIL CORP

Address:33 ENDICOTT STREET

Box:City:NORWOOD

State:MA

ZIP:02062-3006

Country:US

Phone:781-762-0026 / FAX: 781-762-1617

Contract Num:SP0450-02-M-L330

CAGE:82956

Company Name:EXXONMOBIL OIL CORPORATION

Address:3225 GALLOWS RD

Box:City:FAIRFAX

State:VA

ZIP:22037

Country:US

Phone:800-662-4525 / 856-224-4644

CAGE:UO751

===== Com

position/Information on Ingredients =====

Ingred Name:TRIPHENYL PHOSPHATE

CAS:115-86-6

RTECS #:TC8400000

= Wt:.38

OSHA PEL:3 MG/M3

ACGIH TLV:3 MG/M3

Ingred Name:SYN. HYDROCARBONS AND ADDITIVES

Ingred Name:PHENOL, DIMETHYL-, PHOSPHATE (3:1)

CAS:25155-23-1

RTECS #:ZE8320000

= Wt:.01

===== Hazards Identification =====

Health Hazards Acute and Chronic:US OSHA HAZARD COMMUNICATION STANDARD:
PRODUCT ASSESSED IN ACCORDANCE WITH OSHA 29 CFR 1910.1200
AND

DETERMINED NOT TO BE HAZARDOUS.

Effects of Overexposure:NO SIGNIFICANT EFFECTS EXPECTED.

===== First Aid Measures =====

First Aid:EYE: FLUSH THOROUGHLY WITH WATER. IF IRRITATION OCCURS, CALL
A PHYSICIAN. SKIN: WASH CONTACT AREAS WITH SOAP & WATER. INHALATION:
REMOVE FROM FURTHER EXPOSURE. IF RESPIRATORY IRRITATION, DIZZINESS,
NAU SEA, OR UNCONSCIOUSNESS OCCURS, SEEK IMMEDIATE MEDICAL
ASSISTANCE & CALL A PHYSICIAN. IF BREATHING HAS STOPPED, USE
MOUTH-TO-MOUTH RESUSCITATION. INGESTION: NOT EXPECTED TO BE A
PROBLEM. HOWEVER, IF GREATER THAN 1/2 LITER (PINT) INGESTED,
IMMEDIATELY GIVE 1 TO 2 GLASSES OF WATER & CALL A PHYSICIAN,
HOSPITAL EMERGENCY ROOM OR POISON CONTROL CENTER FOR ASSISTANCE. DO
NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS
PERSON.

===== Fire Fighting Measures =====

Flash Point Method:COC

Flash Point:>210.C, 410.F

Extinguishing Media

:CARBON DIOXIDE, FOAM, DRY CHEMICAL AND WATER FOG.

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. PREVENT RUNOFF FROM FIRE CONTROL OR DILUTION FROM ENTERING STREAMS, SEWERS, OR DRINKING WATER SUPPLY. FOR FIRES IN ENCLOSED AREAS, FIRE FIGHTERS SHOULD USE SCBA.
Unusual Fire/Explosion Hazard:NONE. HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE.

=====
===== Accidental Release Measures =====

Spill Release Procedures: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. PREVENT SPILLS FROM ENTERING STORM SEWERS OR DRAINS AND CONTACT WITH SOIL.

=====
===== Handling and Storage =====

Handling

and Storage Precautions:HANDLING: THIS MATERIAL IS NOT INTENDED FOR USE IN AIR COMPRESSORS FOR BREATHING APPLICATIONS. STORAGE: DO NOT STORE IN OPEN OR UNLABELLED CONTAINERS. STORE AWAY FROM STRONG OXIDIZING AGENTS OR COMBUSTIBLE MATERIAL.

Other Precautions:USE OF THESE METHODS IS SUBJECT TO USER COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS AND CONSIDERATION OF PRODUCT CHARACTERISTICS AT TIME OF DISPOSAL.

=====
===== Exposure Controls/Personal Protection =====
====

Respiratory Protection:NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.

Ventilation:USE IN WELL VENTILATED AREA.

Protective Gloves:NO SPECIAL EQUIPMENT REQUIRED.

Eye Protection:NORMAL INDUSTRIAL EYE PROTECTION PRACTICES SHOULD BE EMPLOYED.

Work Hygienic Practices:GOOD PERSONAL HYGIENE PRACTICES SHOULD ALWAYS BE FOLLOWED.

Supplemental Safety and Health

INGREDIENTS CONSIDERED HAZARDOUS TO HEALTH: THIS PRODUCT IS NOT FORMULATED TO CONTAIN

INGREDIENTS WHICH HAVE EXPOSURE LIMITS
ESTABLISHED BY U.S. AGENCIES. IT IS NOT HAZARDOUS TO HEALTH AS
DEFINED BY THE EUROPEAN UNION DANGEROUS SUBSTANCES/PREPARATIONS
DIRECTIVES.

===== Physical/Chemical Properties =====

HCC:N1
Boiling Pt:>316.C, 600.8F
Vapor Pres:2.0
Spec Gravity:0.856
pH:NA
Viscosity:@40C, CST: 68.0
Evaporation Rate & Reference:NE
Solubility in Water:NEGLIGIBLE
Appearance and Odor:STRAW COLORED LIQUID; MILD ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS.
Stability Condition to Avoid:EXTREME HEAT.
Hazardous Decomposition Products:CARBON MONOXIDE.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information:ACUTE TOXICOLOGY-ORAL TOXICITY (RATS):
PRACTICALLY NON-TOXIC (LD50: GREATER THAN 2000 MG/KG).--BASED ON
TESTING OF SIMILAR PRODUCTS &/OR THE
COMPONENTS. DERMAL TOXICITY
(RABBITS): PRACTICALLY NON-TOXIC (LD50: GREATER THAN 2000 MG/KG).
---BASED ON TESTING OF SIMILAR PRODUCTS &/OR THE COMPONENTS.
INHALATION TOXICITY(RATS): NOT ESTABLISHED. EYE IRRITATION
(RABBITS): PRACTICALLY NON-IRRITATING. (DRAIZE SCORE: GREATER THAN
6 BUT 15 OR LESS).--BASED ON TESTING OF SIMILAR PRODUCTS &/OR THE
COMPONENTS. SKIN IRRITATION (RABBITS): PRACTICALLY NON-IRRITATING.
(PRIMARY IRRITATION INDEX: GREATER THAN 0.5 BUT LESS THAN 3).

===== Ecological Information =====

Ecological:ENVIRONMENTAL FATE AND EFFECTS: NOT ESTABLISHED.

===== Disposal Considerations =====

Waste Disposal Methods: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 RCRA. IN
ADDITION, THE PRODUCT IS SUITABLE FOR PROCESSING BY AN APPROVED
RECYCLING FACILITY

OR CAN BE DISPOSED OF AT AN APPROPRIATE GOVERNMENT WASTE DISPOSAL FACILITY. "SEE OTHER PRECAUTIONS"

===== MSDS Transport Information =====

Transport Information:USA DOT: NOT REGULATED BY USA DOT. RID/ADR: NOT REGULATED BY RID/ADR. IMO: NOT REGULATED BY IMO. IATA: NOT REGULATED BY IATA.

===== Regulatory Information =====

SARA Title III Information:U.S. SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) TITLE III:
THIS PRODUCT CONTAINS NO "EXTREMELY HAZARDOUS SUBSTANCES". SARA (311/312) REPORTABLE HAZARD CATEGORIES: NONE. THIS PRODUCT CONTAINS NO CHEMICALS SUBJECT TO THE SUPPLIER NOTIFICATION REQUIREMENTS OF SARA (313) TOXIC RELEASE PROGRAM. THIS PRODUCT IS ACCEPTABLE AS A LUBRICANT WHERE THERE IS NO POSSIBILITY OF FOOD CONTACT (COMPLIES WITH EARLIER USDA GUIDELINES FOR H-2 LUBRICANT USE).

Federal Regulatory Information:GOVERNMENTAL INVENTORY STATUS: ALL COMPONENTS COMPLY WITH

TH TSCA, EINECS/ELINCS, AICS, AND MITI. EU

LABELING: EU LABELING NOT REQUIRED. RCRA INFORMATION: THE UNUSED PRODUCT, IN OUR OPINION, IS NOT SPECIFICALLY LISTED BY THE EPA AS A HAZARDOUS WASTE (40 CFR, PART 261D), NOR IS IT FORMULATED TO CONTAIN MATERIALS WHICH ARE LISTED HAZARDOUS WASTES. IT DOES NOT EXHIBIT THE HAZARDOUS CHARACTERISTICS OF IGNITABILITY, CORROSIVITY, OR REACTIVITY AND IS NOT FORMULATED WITH CONTAMINANTS AS DETERMINED BY THE TOXICITY CHARACTERISTICS

LEACHING PROCEDURE

(TCLP). HOWEVER, USED PRODUCT MAY BE REGULATED.

State Regulatory Information:TRIPHENYL PHOSPHATE, (0.38%), 115-86-6, 22=MI 293. PHENOL, DIMETHYL-, PHOSPHATE (3:1), (0.01%, 25155-23-1, 22=MI 293. MI 293=MICHIGAN 293.

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States o

f America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.