

EXXON COMPANY, USA, A DIV OF EXXON CORP. -- ANDEROL 500, LUBRICATING OIL --
9150-01-025-8649

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

Product ID:ANDEROL 500, LUBRICATING OIL

MSDS Date:10/14/1988

FSC:9150

NIIN:01-025-8649

MSDS Number: BQFBY

=== Responsible Party ===

Company Name:EXXON COMPANY, USA, A DIV OF EXXON CORP.

Address:800 BELL ST

Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:US

Info Phone Num:713-656-5949 FAX: 713-656-3631

Emergency Phone Num:713-65

6-3424/2443 (MEDICAL)

CAGE:DO850

=== Contractor Identification ===

Company Name:EXXON COMPANY U.S.A.

Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:US

Phone:713-656-5949 / 713-656-3424

CAGE:29700

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===== Composition/Information on Ingredients =====

Ingred Name:SYNTHETIC HYDROCARBON LUBRICATING

OIL
Fraction by Wt: 100% %
Other REC Limits:5 MG/M3 OIL MIST

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >5G/KG ESTIMATED
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:PROLONGED OR REPEATED SKIN CONTACT
WITH THIS PRODUCT TENDS TO REMOVE SKIN OILS POSSIBLY LEADING TO
IRRITATION AND DERMATITIS. MAY CAUSE EYE IRRITATION. MINUTE AMOUNTS

ASPIRATED INTO THE LUNGS DURING I NGESTION OR VOMITING MAY CAUSE
MILD TO SEVERE PULMONARY INJURY AND POSSIBLY DEATH.

Explanation of Carcinogenicity:IARC HAS DETERMINED THERE IS SUFFICIENT
EVIDENCE FOR THE CARCINOGENICITY IN EXPERIMENTAL ANIMALS OF USED
MOTOR OIL.

Effects of Overexposure:GENERALLY CONSIDERED MINIMALLY IRRITATING TO
THE EYES AND MILDLY IRRITATING TO THE SKIN. PROLONGED AND REPEATED
CONTACT MAY RESULT IN VARIOUS SKIN DISORDERS SUCH AS DERMATITIS,
FOLLI

CULITIS OR OIL AC NE. INHALATION OF VAPOR OR OIL MIST MAYCAUSE
MILD UPPER RESPIRATORY TRACT IRRITATION. SLIGHTLY TOXIC IF
SWALLOWED.

Medical Cond Aggravated by Exposure:PREEXISTING SKIN AND RESPIRATORY
DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.
GET MEDICAL ATTENTION IF IRRITATION DEVELOPS. INHALATION: REMOVE TO
FRESH AIR

& RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION.
EYE : IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING
EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: MAY ACT AS A
LAXATIVE. DO NOT INDUCE VOMITING. RELATIVELY NON-TOXIC UNLESS
ASPIRATED.

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

Flash Point Method:COC
Flash Point:450F,232C
Autoignition Temp:Autoignition Temp Text:790F
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:U

SE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:CONTAIN SPILL IMMEDIATELY. DO NOT ALLOW SPILL
TO ENTE
R SEWERS OR WATERCOURSES, REMOVE ALL SOURCES OF IGNITION.
ABSORB WITH APPROPRIATE INERT MATERIAL SUCH AS SAND, CLAY, ETC.

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

Handling and Storage Precautions:DO NOT TRANSFER TO UNMARKED
CONTAINERS. STORE IN CLOSED CONTAINERS AWAY FROM HEAT, SPARKS, OPEN
FLAME, OR OXIDIZING MATERIALS. COMBUSTIBLE LIQUID.

Other Precautions:MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER
BEFORE EATING, DRINKING, SMOKING OR USING TOIL
ET FACILITIES.

LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF
CONTAMINATED LEATHER ARTICL ES THAT CAN NOT BE DECONTAMINATED.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED AIR-PURIFYING RESPIRATOR
FOR ORGANIC VAPORS AND PARTICULATES OR AN ATMOSPHERE-SUPPLYING
RESPIRATOR IF REQUIRED. PROTECTION IS NOT REQUIRED UNDER NORMAL USE
CONDITIONS.

Ventilation:NO SPECIAL REQUIREMENTS UNDER ORDINARY CO
NDITIONS OF USE.

MECHANICAL EXHAUST RECOMMENDED IF USED IN ENCLOSED AREA.

Protective Gloves:CHEMICAL RESISTANT GLOVES (NITRILE BEST)

Eye Protection:WEAR CHEMICAL SAFETY GOGGLES

Other Protective Equipment:WEAR PROTECTIVE CLOTHING, APRON AND BOOTS AS
REQUIRED TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices:MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER
BEFORE EATING, DIRNKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

EMPTY CONTAINERS RETAIN RESIDUE AND CAN

BE DANGEROUS. DO NOT
PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH
CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY OR OTHER
SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

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

HCC:V6
Boiling Pt:B.P. Text:620F,327C
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Vapor Pres:< 1
Vapor Density:> 5
Spec Gravity:0.96
pH:7
Evaporation Rate & Reference:< 0.001
Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR LIQUID, YELLOW COLOR, MILD MAPLE SYRUP ODOR

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES
OF IGNITION
Hazardous Decomposition Products:CARBON MONOXIDE AND OTHER UNIDENTIFIED
ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION.

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

Waste Disposal Methods:WASTE MAY BE BURNED IN AN APPROVED INCINERATOR
OR DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND
FEDERAL LAWS AND REGULATIONS. RECYCLE IF POSSIBLE.

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