

EXXON CO USA, A DIV OF EXXON CORP. -- TURBO OIL 274 -- 9150-00-935-4090

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

Product ID:TURBO OIL 274

MSDS Date:12/02/1991

FSC:9150

NIIN:00-935-4090

MSDS Number: BPVPR

=== Responsible Party ===

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

Address:800 BELL ST

Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:US

Info Phone Num:713-656-3424/5949

Emergency Phone Nu

m:713-656-3424/800-424-9300(CHEMTREC)

CAGE:29700

=== 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

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

Ingred Name:BASE LUBRICANT OF DIESTERS

Other REC Limits:NONE RECOMMENDED

Ingred Name:PROPRIETARY ADDITIVES

Other REC Limits:NONE RECOMMENDED

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

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LD50 LC50 Mixture:TLV FOR OIL MIST IS 5 MG/M3.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-EYE:MAY CAUSE

IRRITATION.SKIN:PROLONGED/REPEATED CONTACT MAY CAUSE IRRITATION & DERMATITIS.INHALED:VAPORS/OIL MISTS MAY BE MILDLY IRRITATING TO THE NOSE,THROAT & RESPIRATORY TRACT.ORAL:EXPECTED TO HAVE A LOW ORDER OF TOXICITY,BUT MINUTE AMOUNTS ASPIRATED INTO THE LUNGS MAY CAUSE

LUNG INJURY.CHRONIC-DERMATITIS.

Effects of Overexposure:MAY IRRITATE EYES. PROLONGED/REPEATED SKIN CONTACT MAY CAUSE IRRITATION & DERMATITIS. VAPORS/OIL MISTS MAY BE MILDLY IRRITATING. EXPECTED TO HAVE A LOW ORDER OF ORAL TOXICITY, BUT MINUTE AMOUNTS ASPIRATED INTO THE LUNGS MAY CAUSE LUNG INJURY. IF GREASE IS INJECTED THROUGH THE SKIN, CAN CAUSE SERIOUS TISSUE DAMAGE.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST.INHALED:REMOVE TO FRESH AIR.PROVIDE CPR/OXYGEN IF NEEDED.EYES:FLUSH WITH WATER FOR 15 MINUTES,HOLDING EYELIDS OPEN.SKIN:WIPE OFF EXCESS & WASH SKIN WITH SOAP & WATER.ORAL:DO NOT INDUCE VOMITING.CALL A PHYSICIAN IMMEDIATELY.

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

Flash Point Method:COC

Flash Point:430F,  
221C MIN

Autoignition Temp:Autoignition Temp Text:723F

Lower Limits:1%

Upper Limits:12%

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. DO NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT & REIGNITE

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

Unusual Fire/Explosion Hazard:FUMES, SMOKE, CARBON MONOXIDE, SULFUR

OXIDES, ALDEHYDES AND OTHER DECOMPOSITION PRODUCTS, IN THE CASE OF INCOMPLETE COMBUSTION.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENTS. VENTILATE AREA. STOP LEAK. RECOVER FREE PRODUCT. CONTAIN LARGE SPILL. PUMP IT TO TRUCK. SOAK UP RESIDUE/SMALL SPILLS WITH CLAY/SAND. TRANSFER TO CONTAINER FOR DISPOSAL. REP ORT SPILLS AS REQUIRED. KEEP PRODUCT OUT OF SEWERS

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

Handling and Storage Precautions:STORAGE-STORE IN COOL PLACE.KEEP AWAY FROM HEAT,FLAME & STRONG OXIDANTS.  
Other Precautions:EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUE WHICH COULD INCLUDE FLAMMABLE OR EXPLOSIVE VAPORS. CONSULT APPROPRIATE FEDERAL,STATE & LOCAL AUTHORITIES BEFORE REUSING,RECONDITIONING,RECLAIMING,RECYCLING /DISPOSING OF EMPTY CONTAINERS.

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

Respiratory Protection:NO  
N REQUIRED UNDER NORMAL CONDITIONS. IF HIGH VAPOR OR MIST CONCENTRATIONS EXPECTED, USE NIOSH-APPROVED RESPIRATOR FOR ORGANIC VAPORS AND MISTS. WEAR SUPPLIED-AIR RESPIRATOR PROTECTION IN CONFINED OR ENCLOSED SPACES, IF NEEDED.  
Ventilation:USE LOCAL EXHAUST TO CAPTURE VAPOR, MISTS OR FUMES, IF NECESSARY. PROVIDE SUFFICIENT VENTILATION TO PREVENT EXPLOSION.  
Protective Gloves:CHEMICAL-RESISTANT, IF NEEDED  
Eye Protection:CHEMICAL SPLASH GOGGLES/FACE SHIELD  
Other Protective Equipment:  
EYE WASH STATION, QUICK DRENCH SHOWER AND IMPERVIOUS CLOTHING  
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.  
Supplemental Safety and Health  
FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A UNDER THE SAME NSN.

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

HCC:V6  
Boiling Pt:B.P. Text: 770F,410C  
Melt/Freeze Pt:M.P/F.P Text:-60F,-51C  
Vapor Pres: 5  
Spec Gravity:0.95

Viscosity:35 CST @ 40C

Evaporation Rate & Reference: