City:FAIRFAX State:VA ZIP:22037

Coun try:US

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

Emergency Phone Num:(800)424-9300 Resp. Party Other MSDS Num.:600163-00 Chemtrec Ind/Phone:(800)424-9300

CAGE:3U728

=== Contractor Identification ===

Company Name: MOBIL OIL CORP, NORTH AMERICAS MARKETING AND REFINING

Address:3225 GALLOWS ROAD

Box:City:FAIRFAX

State:VA ZIP:22037 Country:US

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

CAGE:3U728

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

Ingred Name:TRICRESYL PHOSPHATE

CAS:1330-78-5 RTECS #:TD0175000

> Wt:4.

Ingred Name:ZINC (ELEMENTAL ANAYLSIS)

CAS:7440-66-6 RTECS #:ZG8600000

< Wt:.01

EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

Ingred Name:PHOSPHORODITHIOIC ACID, O,O-DI-C1-14-ALKYL ESTERS, ZINC

SALTS (:1) (ZDDP) CAS:68649-42-3

= Wt:.09

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

Health Hazards Acute and Chronic:NO SIGNIFICANT EFFECTS EXPECTED. Effects of Overexposure:NO SIGNIFICANT EFFECTS EXPECTED.

First Aid:EYE: FLUSH THOROUGHLY WITH WATER. IF IRRITATION OCCURS, CALL A PHYSICIAN. SKIN: WASH CONTACT AREA WITH SOAP AND WATER. INHALATION: NOT EXPECTED TO BE A PROBLESM. INGESTION: NOT EXPECTED TO BE A PROBLE M. HOWEVER, IF GREATER THAN 1/2 LITER (PINT) INGESTED, SEEK MEDICAL ATTENTION.

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

Flash Point Method:COC Flash Point:>204.C, 399.2F Autoignition Temp:Autoignition Temp Tex t:NE

Lower Limits:NA Upper Limits:NA

Extinguishing Media: CARBON DIOXIDE, FOAM, DRY CHEMCAL AND WATER FOG.

Fire Fighting Procedures: FOR FIRES IN ENCLOSED AREAS, FIRE FIGHTERS MUST USE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:NONE: 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, ORDRINKI
NG

WATER SUPPLY.

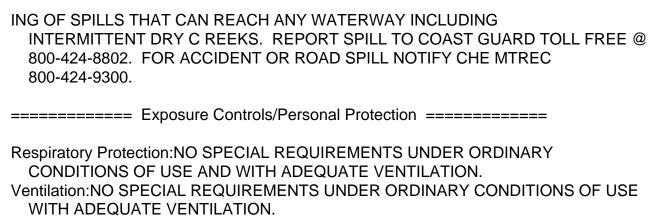
======== Accidental Release Measures ===========

Spill Release Procedures:REPORT SPILLS AS REQUIRED TO APPROPRIATE AUTHORITIES. ABSORB ON FIRE RETARDANT TREATED SAWDUST, DIATOMACEOUS EARTH, ETC. SHOVEL UP AND DISPOSE OF AT AN APPROPRIATE WASTE DISPOSAL FACILITY IN ACCORDANC E WITH CURRENT APPLICABLE LAWS AND REGULATIONS, AND PRODUCT CHARACTERISTICS AT TIME OF DISPOSAL.

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

Handling and Storage Precautions:HANDLING-NO SPECIAL PRECAUTIONS ARE NECESSARY BEYOND NORMAL GOOD HYGIENE PRACTICES. STORAGE-DO NOT STORE IN OPEN OR UNLABELLED CONTAINERS. STORE AWAY FROM STRONG OXIDIZING AGENTS OR COMBUSTIBLE MATERI AL. ENVIRONMENTAL PRECAUTIONS-PREVENT SPILL FROM ENTERING STORM SEWERS OR DRAINS OR SOIL.

Other Precautions:NOTIFICATION PROCEDURES-REPORT SPILLS AS REQUIRED TO APPROPRIATEAUTHORITIES. U S COAST GUARD REGULATIONS REQUIRE IMMEDIATE REPORT



Protective

Gloves: NO SPECIAL EQIPMENT REQUIRED.

Eye Protection:NORMAL INDUSTRIAL EYE PROTECTION SHOULD BE EMPLOYED. Work Hygienic Practices:GOOD PERSONAL HYGIENE PRACTICES SHOULD ALWAYS BE FOLLOWED.

Supplemental Safety and Health

CHEMICAL NAMES & SYNONYMS: PET. HYDROCARBONS & ADDITIVES 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 EURO PEAN

UNION DANGEROUS SUBSTANCES/PREPARATIONS DIRECTIVES.

Vapor Pres:2.0

Viscosity:68.0 CST @ 40 C

Evaporation Rate & Description Rate & Evaporation Rate & Description R

Solubility in Water: NEGLIGIBLE

Appearance and Odor: AMBER COLORED LIQUID, MILD ODOR

Percent Volatiles by Volume:NA

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

Stability Indicator/Materials to Avoid:YES STRONG OXIDIZERS.

Stability Condition to Avoid: EXTREME HEAT.

Hazardous Decomposition Products:CARBON MONOXIDE. ELEMENTAL OXIDES.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

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

Toxicological Information:ORAL TOXICITY (RATS): PRACTICALLY NON-TOXIC (LD50: > 2000MG/KG). --BASED ON TESTING OF SIMILAR PRODUCTS &/OR COMPONENTS.DERMAL TOXICITY (RABBITS):PRACTICALLY NON-TOXIC (LD50: >2000 MG/KG). --BASED O N TESTING OF

SIMILAR PRODUCTS &/OR

COMPONENTS.INHALATION TOXICITY (RATS): NOT APPLICABLE --HARMFUL CONCENTRATIONSOF MISTS &/OR VAPORS ARE UNLIKELY TO BE ENCOUNTERED THROUGH ANYCUSTOMARY OR REASONABLY FORESEEABLE HANDLING, USE, OR MISUSE OFTHIS PRODUCT.EYE IRRITATION (RABBITS): PRACTICALLY NON-IRRITATING. (DRAIZE SCORE:0 OR > BUT 6 OR 0.04%), 1330-78-5; ZINC (ELEMENTAL ANALYSIS) (