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MOBIL OIL CORP -- TOLUENE -- 6810-00-290-0046

Product ID:TOLUENE MSDS Date:08/08/1996

FSC:6810

NIIN:00-290-0046

Status Code:A

MSDS Number: CJDDV === Responsible Party ===

Company Name: MOBIL OIL CORP

Address:3225 GALLOWS RD

City:FAIRFAX

State:VA

ZIP:22037-0001

Country:US

Emergency Phone Num:609-737-4411 Chemtrec Ind/Phone:(800)424-9300

CAGE:6G112
=== Contractor I

dentification ===

Company Name: MAGNOLIA CHEMICALS AND SOLVENTS

Address:1020 SAMS AVENUE

Box:10276

City: NEW ORLEANS

State:LA

ZIP:70181-0278 Country:US

Phone:504-733-6600

Contract Num:SP0450099MC017

CAGE:0LNB7

Company Name: MOBIL OIL CORP

Address:3225 GALLOWS RD

Box:City:FAIRFAX

State:VA ZIP:22037 Country:US

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

CAGE:6G112

Company Name: MOBIL OIL CORPORATION

Address: BEAUMOUNT REFINERY INTERSTATE 10

Box:3311

City:BEAUMONT

State:TX ZIP:77704 Country:US

Phone:609-737-4411/8

00-424-9300(CHEMTREC) CAGE:19135 ======= Composition/Information on Ingredients ========

Ingred Name: TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

= Wt:100.

Other REC Limits: NONE RECOMMENDED

OSHA PEL:200 PPM/150 STEL ACGIH TLV:50 PPM: 9293 EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:LD50 ORAL RAT IS >7 G/KG

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

Reports of Carcinogenicity:N TP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:RESPIRATORY IRRITATION, DIZZINESS, NAUSEA, LOSS OFF CONSCIOUSNESS, HEADACHE, FATIGUE, GIDDINESS, FAINTING, WEAKNESS, LOSS OF COORDINATION. IRRITATION TO EYES & RESPIRATORY TRACT ABOVE 200 PPM. CNS DEP RESSION MAY RESULT AT LEVELS ABOVE 10,000 PPM. EYE IRRITATION. SKIN IRRITATION. PROLONGED OR REPEATED SKIN CONTACT WITH LOW VISCOSITY MATERIALS MAY DEFAT THE SKIN RESULTING IN POSSIBLE IRRITATION & DE RMATITIS.

## Explan

ation of Carcinogenicity: NO CARCINOGENIC EFFECTS OBSERVED FROM TOLUENE WHEN APPLIED TO SKIN OF MICE FOR 2 YEARS. 2 YEAR NTP INHALATION STUDY SHOWED NO CARCINOGENIC EFFECTS IN RATS OR MICE.

Effects of Overexposure: RESPIRATORY IRRITATION, DIZZINESS, NAUSEA, LOSS OFF CONSCIOUSNESS, HEADACHE, FATIGUE, GIDDINESS, FAINTING, WEAKNESS, LOSS OF COORDINATION. IRRITATION TO EYES & RESPIRATORY TRACT ABOVE 200 PPM. CNS DEP RESSION MAY RESULT AT LEVELS ABOVE 10,000 PPM. EYE IRRITATION

. SKIN IRRITATION. PROLONGED OR REPEATED SKIN CONTACT WITH LOW VISCOSITY MATERIALS MAY DEFAT THE SKIN RESULTING IN POSSIBLE IRRITATION & DE RMATITIS.

Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid:EYES: FLUSH THOROUGHLY WITH PLENTY OF WATER. SEE DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. SEE DOCTOR. INHALATION: REMOVE VICTIM TO FRESH AIR. GIVE OXYGEN/CP

$\Box$	

NEEDED. SE E DOCTOR. INGESTION: DO NOT INDUCE VOMITING. GIVE 1 OR 2 GLASSES OF WATER., IF CONSCIOUS. IF SPONTANEOUS VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION INTO LUNGS. SEE DOCTOR IMMEDIATELY. NOTE TO PHYSICIANS: MATERIAL, IF ASPIRATED INTO LUNGS, MAY CAUSE CHEMICAL PNEUMONITIS. TREAT APPROPRIATELY.

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

Flash Point Method:TCC Flash Point:=4.C, 39.2F

Lower Limits:1.2 Upper Limits:7.1

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

Fire Fighting Procedures:USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL. IF A LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS AND TO PROTECT PERSONNEL ATTEMPTING TO STOP LEAK. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM EXPOSURES. PREVENT RUNOFF FROM FIRE CONTROL OR DILUTION FROM ENTERING STREAMS, SEWERS, OR DRINK

Unusual Fire/Explosion Hazard: EXTREMELY FL

AMMABLE. VAPOR ACCUMULATION

COULD FLASH AND /OR EXPLODE IF IN CONTACT WITH OPEN FLAME. FLASH POINT C(F): 4(40) (ASTM D-56). FLAMMABLE LIMITS -LEL: 1.2PERCENT, UEL: 7.1PERCENT. SPECIAL PR OTECTIVE EQUIPMENT: FIRES IN ENCLOSED AREA, FIRE FIGHTERS MUST USE SELF-CONTAINED BREATHING APPARATUS.

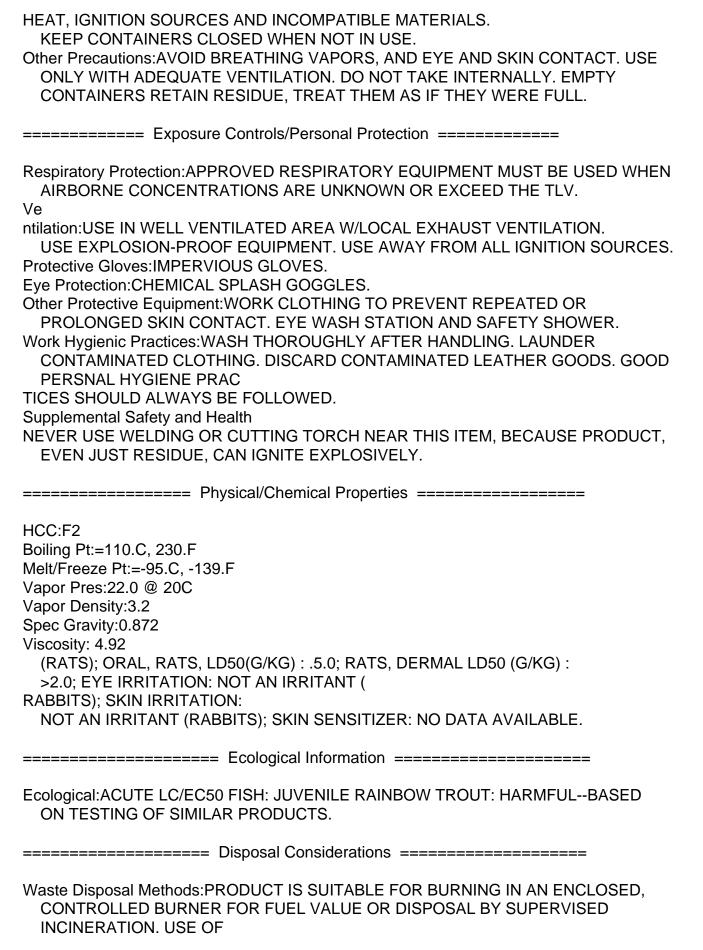
======== Accidental Release Measures ===========

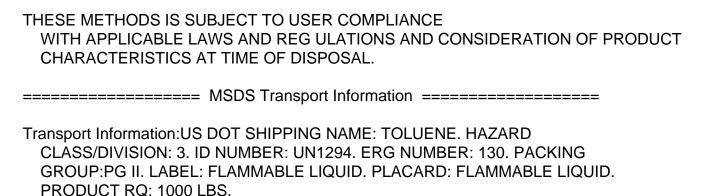
Spill Release Procedures: ELIMINATE IGNITION SOURCES. REMOVE LEADING CONTAINERS TO DETACHED AREA. VENTILATE AREA. WEAR PROPER

PROTECTIVE EQUIPMENT. ABSORB IN INERT ABSORBENT AND SHOVEL UP WITH SPARK-RESISTANT SHOVEL AND REMOV E TO APPROPRIATE WASTE DISPOSAL FACILITYIN ACCORDANCE WITH CURRENT APPLICABLE LAWS AND REGULATIONS. FOR LARGE SPILLS CONTAIN MATERIAL AND PUMP BACK TO HOLDING TANK. Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED PLACE, AWAY FROM





SARA Title III Information: CONTAINS NO EXTREMELY HAZARDOUS SUBSTANCES AS REGULATED UNDER SARA TITLE III. SARA 311/312 REPORTABLE HAZARD CHARACTERISTICS: FIRE, CHRONIC, ACUTE. CONTAINS FLOOWING SARA 313 TOXIC RELEASE CHEMICALS: TOLUENE, CAS# 108-88-3, 100%.

Federal Regulatory Information: USED PRODUCT MAY BE SUBJECT TO RCRA REGULATIONS (40 CFR 261) DUE TO THE CHARACTERISTIC: IGNITABILITY (FLASH POINT: 4C(40F). SALES, RECEIPTS, MOVEMENTS OR UNEXPLAINABLE

LOSSES MAY REQUIRE RECORDKEEPIN G & REPORTING IAW 21 CFR 1310/1313 (DEA). TOLUENE IS LISTED IN THE FOLLOWING LISTS: ACGIH-ALL; OSHA Z. State Regulatory Information:TOLUENE, CAS# 108-88-3, 100% IS LISTED UNDER THE FOLLOWING STATE LISTS: CALIFORNIA PROPOSITION 65, RIGHT-TO-KNOW; FLORIDA RIGHT-TO-KNOW; ILLINOIS RIGHT-TO-KNOW; MICHIGAN RIGHT-TO-KNOW; MINNISOTOA RIG HT-TO-KNOW; NEW JERSEY RIGHT-TO-KNOW; PENNSYLVANIA RIGHT-TO-KNOW; RHODE ISLAND RIGHT-TO-KNOW.

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