

MOBIL OIL CORP -- MOBILTAC E -- 9150-00-535-0659

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

Product ID:MOBILTAC E

MSDS Date:06/10/1991

FSC:9150

NIIN:00-535-0659

MSDS Number: BPBMT

==== Responsible Party ===

Company Name:MOBIL OIL CORP

Address:3225 GALLows ROAD

City:FAIRFAX

State:VA

ZIP:22037

Country:US

Info Phone Num:800-662-4525

Emergency Phone Num:609-737-4411;800-424-9300(CHEMTREC)

Preparer's Name:ENVIR

ON HLTH & SFTY DEPT

CAGE:1E969

==== Contractor Identification ===

Company Name:MOBIL OIL CORP

Address:530 EAST SWEDESFORD ROAD

Box:1031

City:VALLEY FORGE

State:PA

ZIP:19482

Country:US

Phone:703-849-3265

CAGE:1E969

Company Name:MOBIL OIL CORP ENVIRONMENTAL AFFAIRS & TOXICOLOGY

Address:PENNINGTON-ROCKY HILL RD

Box:City:PENNINGTON

State:NJ

ZIP:08534

Country:US

CAGE:0AHK0

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

Ingred Name:ETHYLENE, TRICHLORO-; (TRICHLOROETHYLENE) (SAR

A III)

CAS:79-01-6

RTECS #:KX4550000

Fraction by Wt: 15%

OSHA PEL:100 PPM/100 STEL

ACGIH TLV:50 PPM/100,A5STEL;93

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:ASPHALT

CAS:8052-42-4

RTECS #:CI9900000

Fraction by Wt: 65%

ACGIH TLV:5 MG/M3 (FUME)

Ingred Name:MINERAL OIL, PETROLEUM EXTRACTS, HEAVY PARAFFINIC

DISTILLATE SOLVENT; (HEAVY PARAFFINIC DISTILLATE SOLVENT EXTRACT)

CAS:64742-04-7

RTECS #:PY8042700

Fraction by Wt: 15%

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3;10 STEL

Ingred Name:ADDITI

VES AND/OR OTHER INGREDIENTS

Ingred Name:REFINED MINERAL OILS

Ingred Name:PHOSPHORODITHIOATO-S,S)DI=OXODI-U-THIOXODI-

CAS:68958-92-9

Ingred Name:WAST DISP METH: FACILITY OR CAN BE DISPOSED OF AT ANY

GOVERNMENT APPROVED WASTE DISPOSAL FACILITY. USE OF THESE (ING 8)

RTECS #:9999999ZZ

Ingred Name:ING 7: METHODS IS SUBJECT TO USER COMPLIANCE WITH

APPLICABLE LAWS AND REGULATIONS AND CONSIDERATION OF PRODUCT (ING

9)

RTECS #:9999999ZZ

Ingred Name:ING 8: CHARACTERISTICS AT TIME OF DISPO

SAL. DISPOSAL MUST

BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGS .

RTECS #:9999999ZZ

Ingred Name:SUPP DATA: CHLOROCARBON MATLS HAVE PRODUCED SENSIT OF THE
MYOCARDIUM TO EPINEPHRINE IN LAB ANIMALS & COULD (ING 11)

RTECS #:9999999ZZ

Ingred Name:ING 10:SIMILAR EFT IN HUMANS.ADRENOMIMETICS
(E.G.,EPINEPHRINE) MAY BE CONTRAINDICATED EXCEPT FOR
LIFE-SUSTAINING(ING 12)

RTECS #:9999999ZZ

Ingred Name:ING 11: USES IN HUMANS ACUTELY OR CHRONICALLY EXPOSED TO
CHLOROCARBONS .

RTEC

S #:9999999ZZ

Ingred Name:FIRST AID PROC:IMMED GIVE 1-2 GLASSES OF H*2O & CALL MD.
HOSPITAL EMERGENCY ROOM/POIS CTRL CTR FOR ASSISTANCE. (ING 14)

RTECS #:9999999ZZ

Ingred Name:ING 13: DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO
AN UNCONSCIOUS PERSON.

RTECS #:9999999ZZ

Ingred Name:OTHER PREC:NO SMOKING IN AREA OF USE. DO NOT USE IN GENERAL
VICINITY OF ARC WELDING, OPEN FLAMES/HOT SURFACES. (ING 16)

RTECS #:9999999ZZ

Other REC Limits:NONE SPECIFIED

Ingred Name:ING 15: HEAT
AND/OR UV RADIATION MAY CAUSE THE FORMATION OF
HCL AND/OR PHOSGENE .

RTECS #:9999999ZZ

Ingred Name:SPILL PROC: REQUIRE IMMEDIATE REPORTING OF SPILLS THAT
COULD REACH ANY WATERWAY INCLUDING INTERMITTENT DRY CREEKS.

RTECS #:9999999ZZ

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

LD50 LC50 Mixture:LD50: (ORAL,RAT) >5 G/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:

RESP IRRIT, DIZZ, NAUS, UNCON. SLIGHT

EYE/SKIN IRRIT. PRLNGD, RPTD SKIN CNTCT MAY RSLT IN SKIN IRRIT/MORE SERIOUS SKIN DISORDERS. NOTE: THIS PROD CONTAINS AROMATIC OILS. AROMATIC OILS CONTAIN HIGH CONC OF POLYCYCLIC AROMATIC COMPOUNDS, SOME OF WHICH HAVE BEEN SHOWN TO CAUSE SKIN CANCER IN(EFTS OF OVEREXP)

Explanation of Carcinogenicity: CAS #64742-04-7 IS LISTED BY THE RTECS AS AN IARC GROUP 1 CARCINOGEN.

Effects of Overexposure: HLTH HAZ: HUMANS UNDER CNDTNS OF POOR PERSONAL

HYGIENE & PRLNGD, RPTD CNTCT. CERTAIN OF THESE COMPOUNDS HAVE ALSO PRODUCED HARMFUL EFFECTS IN LAB ANIMALS AFTER ABSORPTION THROUGH THE SKIN. ALTHOUGH THESE EFTS HAVE BEEN PRINCIPALLY TO THE LIVER AND BLOOD-FORMING ORGANS, THE UNBORN YOUNG OF THESE ANIMALS MAY (SUPP DATA)

Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

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

First Aid: EYE: FLUSH THORO W/H*2O. IF IRRIT PERSISTS, CALL MD.

SKIN: WASH

CNTCT AREAS W/SOAP & H*2O/WATERLESS SKIN CLEANER. DO NOT WEAR ORDINARY CLTHG WET W/PROD. REMOVE CONTAM CLTHG. LAUNDER CONTAM CLTH BEFORE REUSE. INHAL: REMOVE FROM FURTHER EXPOS. IF RESP IRRIT, DIZZ, NAUS/UNCON OCCURS, SEEK IMMED ASSISTANCE & CALL MD. IF BRTHG STOPPED, USE MOUTH-TO-MOUTH RESUSCITATION. INGEST: IF >1/2 LITER INGEST (ING 13)

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

Extinguishing Media: CO*2, FOAM, DRY CHEMICAL AND WATER FOG.

Fire Fighting Procedures: MATL WILL NOT BURN; HOWEVER, USE STANDARD CHEM FIREFIGHTERS PROC & CONSIDER HAZ OF OTHER INVOLVED MATLS. FOR FIRES IN ENCLOSED AREAS, FIREFIGHTERS (SUPP DATA)

Unusual Fire/Explosion Hazard: THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE HCL AND PHOSGENE.

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

Spill Release Procedures: ADSORB ON FIRE RETARDANT TREATED SAWDUST, DIATOMACEOUS EARTH, ETC. SHOVEL UP & DISP OF @ AN APPROP WASTE DIS

P

FACIL I/A/W CURRENT APPLIC LAWS & REGS, & PROD CHARAC @ TIME OF
DISP. REPORT AS REQUIRED T O APPROP AUTHORITIES. US COAST GUARD
REGS (ING 17)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID PROLONGED REPEATED SKIN CONTACT
AND BREATHING MIST/VAPORS. KEEP AWAY FROM HEAT & FLAME. KEEP CNTNR
CLOSED. USE W/ADEQ VENT.

Other Precautions:EMPTY CNTNR MAY CNTN PROD RESIDUE,
INCL FLAMM/EXPLO

VAPS. DO NOT CUT, PUNCTURE OR WELD ON OR NEAR CONTAINER. ALL LABEL
PRECAUTIONS MUST BE OBSERVED UNTIL CONTAINER HAS BEEN THOROUGHLY
CLEANED OR DESTR OYED. FOR INDUSTRIAL USE ONLY. (ING 15)

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

Respiratory Protection:NIOSH/MSHA APPROVED PROTECTIVE EQUIPMENT MUST BE
USED WHEN VAPOR OR MISTS CONCENTRATIONS EXCEED APPLICABLE
STANDARDS. NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE
A

ND WITH ADEQUATE VENTILA TION.

Ventilation:ADEQUATE VENTILATION SHOULD BE PROVIDED SO THAT REGULATORY
STANDARDS ARE NOT EXCEEDED. USE IN WELL VENTILATED AREA.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:IF CONTACT IS LIKELY, OIL IMPERVIOUS
CLOTHING SHOULD BE WORN.

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

Supplemental Safety and Health

FIRE FIGHT PROC: MUST USE NIOSH/MSHA APPRVD PRE
SSURE DEMAND SCBA & FULL
PROT EQUIP. PVNT RUNOFF FROM FIRE CTRL/DILUTION FROM ENTERING
STREAMS, SEWERS/DRINKING H*2O SUPPLY. EFTS OF OVEREXP:ALSO B E
AFFECTED. THE ANIMAL EXPERIMENTS ALSOSHOWED THESE EFTS CAN BE PVNTD
BY THORO REMOVAL OF OIL FROM SKIN. (ING 10)

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

Boiling Pt:B.P. Text:>188F,>87C

Vapor Pres: