

EXXON CHEMICAL AMERICAS -- XYLENE -- 6810-00-598-6600

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

Product ID:XYLENE

MSDS Date:09/17/1995

FSC:6810

NIIN:00-598-6600

MSDS Number: CCVRR

=== Responsible Party ===

Company Name:EXXON CHEMICAL AMERICAS

Box:3272

City:HOUSTON

State:TX

ZIP:77001

Country:US

Info Phone Num:713-870-6884/713-870-6000

Emergency Phone Num:713-870-6000/800-424-9300(CHEMTREC)

CAGE:72190

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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

Company Name:EXXONMOBIL CHEMICAL CO, DIV OF EXXON MOBILCORP.

Address:13501 KATY FWY

Box:3272

City:HOUSTON

State:TX

ZIP:77253-3272

Country:US

Phone:281-870-6000 / 800-726-2015

CAGE:72190

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

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA 313) (CERCLA) (LIMITED
PARA

XYULENE CONTENT)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 85.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM/150STEL;9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL BENZENE (SARA 313)

CAS:100-41-4

RTECS #:DA0700000

Fraction by Wt: 15.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM/125STEL;9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:N

ONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:EYE:IRRIT,BUT DOES NOT INJURE EYE
TISSUE.SKIN:FREQUENT/PROL CONTACT MAY IRRIT.LOW ORDOR OF
TOXICITY.OCCASIONAL BRIEF CONTACT W/LIQ WILL NOT RESULT IN
SIGNIFICANT IRRIT UNLESS EVAPORATION IS IMPEDED.IN HAL:HIGH
VAP/AEROSOL CONC(>1000PPM) IRRIT EYE/RESP
TRACT,HEAD,DIZZ,ANESTHESIA,DROWS,UNCONSC,OTHER CNS

EFFECT,(SUPPLEMEN)

Effects of Overexposure:EYE IRRIT,IRRIT SKIN,IRRIT RESP TRACT,
HEADACHES,IDZZINESS,ANESTHESIA,DROWSINESS,UNCONSC,OTHER CNS
EFFECTS, DEATH.SEVERE PUMONARY INJURY.

Medical Cond Aggravated by Exposure:SKIN CONTACT MAY AGGRAVATE EXISTING
DERMATITIS CONDITION.

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

First Aid:EYE:FLUSH W/LG AMTS OF WATER TIL IRRIT SUBSIDES.IRRTI PERSIST
GET MED ATTN.SKIN:FLUSH W/LG AMTS OF WATER.USE SOAP IF AVAIL.REMO

VE

GROSSLY CONTAMIN CLOTH/SHOES. INHAL: W/PROPER RESP PROTECTION IMMEDIATELY REMOVE FROM EXPOSURE. ADMIN ART RESP IF BREATHING STOP. KEEP @REST. CALL FOR PROMPT MED ATTN. INGEST: DO NOT INDUCE VOMIT. KEEP @REST. GET PROMPT MED ATTN.

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

Flash Point Method: TCC

Flash Point: 79.0F, 26.1C

Autoignition Temp: Autoignition Temp Text: 932F

Lower Limits: 1.9

Upper Limits: 12.3

Extinguishing Media: USE FOAM OR DRY CHEMICAL TO EXTINGUISH FIRE.

F

Fire Fighting Procedures: USE H2O SPRAY TO COOL FIRE- EXPOSED CONTAINER/ PROTECT PEOPLE/ DISPERSE VAPOR IN SPILL. STOP FUEL TO FIRE. RESP/ EYE PROTECTION REQUIRED. AVOID SPRAY H2O INTO STORAGE CONTAINER- BOILOVER.

Unusual Fire/Explosion Hazard: FLAMM LIQ. CAN RELEASE VAPOR THAT FORM FLAMM MIX @TEMP @/ > FLASHPT. TOXIC GASES FORM UPON COMBUST. MATL CAN ACCUMULATE STATIC CHARGES WHICH CAN CAUSE INCENDIARY (SUPP)

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

Spill Release Procedures: REMOVE IGN SOURCE

S. KEEP PUBLIC AWAY/ ADVISE

AUTHORITIES. PREVENT ENTER SEWER/ WATERCOURSE/ LOW AREAS. CONTAIN

W/ EARTH/ SAND/ NO COMBUST MATL (SAWDUST). RECOVER W/ EXPLO-PROOF PUMP. IF

ALLOW USE SINK/ DISPERSANT ON WATER SPILLS/ SUITABLE ADSORBENTS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: USE PROPER GROUND

PROCEDURE. STORAGE/LOAD TEMP: AMB. KEEP CONTAINER CLOSED. HND/OPN

W/ CARE. STORE IN COOL DRY WELL VENTILATED

CONTAINER PLACE AWAY FROM INCOMP

MATERIALS/IGN SOURCES

Other Precautions: EMPTY RETAIN RESIDUE- DANGEROUS. DON'T

PRESS/ CUT/ WELD/ BRAZE/ ETC- MAY EXPLO/ CAUSE INJURY/ DEATH. EMPTY DRUM

SHOULD BE COMPLETELY DRAIN/ PROPERLY BUNGE/ PROMPTLY RETURN TO DR

RECONDITIONS/ PROPERLY DISPOSE.

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

Respiratory Protection: WHERE CONC IN AIR MAY EXCEED LIMITS GIVE IN

MSDS & ENGINEERING, WORK PRACTICE OR OTHER MEANS OF EXPOSURE REDUCTION

NOT ADEQUATE, NIOSH

SH/MSHA APPROVED RESP MAY BE NECESSARY TO PREVENT
OVEREXPO BY INHAL.

Ventilation:LOC EXHAU RECOMMENDED TO CNTRL PROCESS EMISSIONS NEAR
SOURCE.LAB SPL STORE/HNDLG IN HOOD.MECH FOR CONF SPACE.EXPLO-PROOF

Protective Gloves:CHEM RESISTANT GLVOES.

Eye Protection:SAFETY GLASSES W/SIDE SHIELD.

Other Protective Equipment:LONG SLEEVES.

Work Hygienic Practices:LAUNDER CONTAMIN CLOTH BEF REUSE.

Supplemental Safety and Health

FIRE/EXPOL HAZ:ELECT DISCHAR.EMPTY CNTNR RETAIN
RESIDUE.VOLATILE/INVIS

IBLE VAP.SETTLE LOW AREA/TRAVEL TO IGN

SOURCE. HEALTH HAZ:INCLUDING DEATH.NEGLI HAZ @AMB TEMP(-18 TO
38C).INGEST:SM AMTS ASPIRATE D INTO RESP SYS DURING INGEST/VOMIT
MAYCAUSE MILD TO SEVERE PULM INJURY POSSIBLY PROGRESSING TO
DEATH.LOW ORDOR OF TOXI

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

HCC:F3

Boiling Pt:=138.9C, 282.F

Melt/Freeze Pt:=-35.C, -31.F

Decomp Temp:Decomp Text:NP

Vapor Pres:14 @100F

Vapor Density:3.70

Spec Gravity:0.87 @60F

pH:NP

Visco

sity:0.7CST @77F

Evaporation Rate & Reference:0.8 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE,0.02%

Appearance and Odor:CLEAR, COLORLESS LIQUID, AROMATIC ODOR.

Percent Volatiles by Volume:NP

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, CONCENTRATED NITRIC & SULPHURIC ACIDS,
HALOGEN, & MOTLEN SULPHUR.

Stability Condition to Avoid:TEMPSURES ABOVE AMBIENT.

Hazardous Decompos

ition Products:FUMES, SMOKE, CARBON MONOXIDE.

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

Waste Disposal Methods:CLASS AS OIL PER CLEAN WATER ACT.DISCHAR/SPILL WHICH PRODUCE VISIBLE SHEEN ON SURF WATER/WATERWAYS/SEWERS REPORT TO NAT RESP CNTNR 800-424-8802.RQ XYLENE 100LBS(85%),RQ ETHYLBENZENE 1000LBS(15%).CONSU LT EXPERT ON DISPO/ENSURE CONFORMITY TO REGS.

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