

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

=== 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
PARAXYULENE 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

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES S
kin: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.

===== 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.REMOVE
GROSSLY CONTAMIN CLOTH/SHOES.INHAL:W/PROPER RESP PROTECTIO

N IMMED

REMO VE 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.

Fire Fighting Procedures:USE H2OSPARY TO COOL FIRE-EXPO CNTNR/PROT

PEOPLE/DISPERSE VAP IN SPILL.STOP FUEL TO FIRE.RESP/EYE PROT
REQUIRED.AVOID SPRAY H2O INTO STORAGE CNTNR-BOILOVER.

Unusual Fire/Explosion Hazard:FLAMM LIQ.CAN RELEASE VAP 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 SOURCES.KEEP PUBLIC AWAY/ADVISE
AUTHORITIES.PREVENT ENTER SEWER/WAT

ERCOURSE/LOW AREAS.CONTAIN

W/EARTH/SAND/NO COMBUST MATL(SAWDUST).RECOVER W/EXPLO-PROOF PUMP.IF
ALLOW USE SINK/DISPERSANT O N 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 CNTNR CLSD.HND/OPN
W/CARE.STORE IN COOL DRY WELL VENTI PLACE AWAY FROM INCOMP
MATLS/IGN SOURCES

Other Precaution

s:EMPTY RETAIN RESIDUE-DANGEROUS.DON'T

PRESS/CUT/WELD/BRAZE/ETC-MAY EXPLO/CAUSE INJURY/DEATH.EMPTY DRM
SHOULD BE COMPLETELY DRAIN/PROPERLY BUNGE/PROMPTLY RETURN TO DR
RECONDITIONS/PROPERLY DISPO.

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

Respiratory Protection:WHERE CONC IN AIAR MAY EXCEED LIMITS GIVE IN
MSDS & ENGINEERING,WORK PRACTICE OR OTHER MEANS OF EXPO REDUCTION
NOT ADEQUATE,NIOSH/MSHA APPORVED 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/INVISIBLE VAP.SETTLE LOW AREA/TRAVEL TO IGN
SOURCE. HEALTH HAZ:IN
CLUDING 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
Viscosity:0.7CST @77F
Evaporation Rate & Reference:0.8 (N-BUTYL AC
ETATE=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 Decomposition Products:FUMES, SMOKE, CARBON MONOXIDE.

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== 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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