

EXXON COMPANY, USA, A DIV OF EXXON CORP. -- XYLENE -- 6810-00-598-6600

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

Product ID:XYLENE

MSDS Date:05/08/1992

FSC:6810

NIIN:00-598-6600

MSDS Number: BLJVX

=== Responsible Party ===

Company Name:EXXON COMPANY, USA, A DIV OF EXXON CORP.

Address:800 BELL ST

Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:US

Info Phone Num:713-656-5949 FAX: 713-656-3631

Emergency Phone Num:713-656-3424/2443 (MEDICAL)

CAGE:DO850

=== Contrac

tor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

CAGE:4N760

Company Name:EXXON COMPANY U.S.A.

Address:Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:US

Phone:713-656-5949 / 713-656-3424

CAGE:29700

Company Name:EXXON COMPANY, USA, A DIV OF EXXON CORP.

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CAGE

:DO850

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

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 83%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM/150 STEL

ACGIH TLV:100 PPM/150STEL;9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL BENZENE (SARA III)

CAS:100-41-4

RTECS #:DA0700000

Fraction by Wt: 17%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM/125 STEL

ACGIH TLV:100 PPM/125STEL 9192

EPA Rpt Qty

:1000 LBS

DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:100 PPM TWA

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

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

Health Hazards Acute and Chronic:EYE IRRITATION, SKIN IRRITATION UPON  
FREQUENT AND/OR PROLONGED CONTACT, RESPIRATORY TRACT IRRITATION,  
CNETRAL NERVOUS SYSTEM DEPRESSION, DEATH, ASPIRATION HAZARD.

Explanation of Carcinogenicity:PRODUCT CONTAINS NO ING  
REDIENTS

CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.

Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION, RESPIRATORY  
TRACT IRRITATION, HEADACHES, DIZZINESS, ANESTHESIA, DROWSINESS,  
UNCONSCIOUSNESS, MILD TO SEVERE PULMONARY INJURY.

Medical Cond Aggravated by Exposure:PRE-EXISTING DERMATITIS CONDITIONS  
MAY BE AGGRAVATED BY EXPOSURE.

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

First Aid:EYES: FLUSH WITH WATER UNTIL IRRITATION SUBSIDES.

IF

IRRITATION PERSISTS, GET MEDICAL ATTENTION. SKIN: FLUSH WITH LARGE AMOUNTS OF WATER; USE SOAP IF AVAILABLE. REMOVE GROSSLY CONTAMINATED CLOTHES/SHOES. INHALATION: REMOVE TO FRESH AIR. ADMINISTER ARTIFICIAL RESPIRATION IF BREATHING IS STOPPED. KEEP AT REST. CALL FOR MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET PROMPT MEDICAL ATTENTION

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

Flash Point Method:TCC

Flash Point:81.0F,27.2C

Lower

Limits:1.9 %

Upper Limits:12.3 %

Extinguishing Media:FOAM, DRY CHEMICAL

Fire Fighting Procedures:USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES AND PROTECT PERSONNEL. RESPIRATORY AND EYE PROTECTION REQUIRED FOR FIRE FIGHTERS. AVOID SPRAYING WATER DIRECTLY.

Unusual Fire/Explosion Hazard:LIQUID IS VOLATILE AND GIVES OFF INVISIBLE VAPORS. LIQUID OR VAPOR MAY SETTLE IN LOW AREAS OR TRAVEL SOME DISTANCE TO REMOTE IGNITION SOURCES AND EXPLODE.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. PREVENT LIQUID FROM ENTERING SEWERS, WATERCOURSES, OR LOW AREAS. CONTAIN SPILLED LIQUID WITH SAND OR EARTH. DO NOT USE COMBUSTIBLE MATERIALS SUCH AS SAWDUST. ENSURE CONFORMITY TO LOCAL DISPOSAL REGULATIONS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:USE PROPER GROUNDING PROCEDURES. STORE AWAY FROM EXTREME TEMPERATURES, SPARKS, OPEN FLAMES.

Other Precautions:EMPTY CONTAINERS RETAIN PRODUCT RESIDUE AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED

OVERED RESPIRATOR AS PER  
CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR  
SELECTION.

Ventilation:LOCAL EXHAUST NEAR SOURCE TO CONTROL PROCESS EMISSIONS.  
PROVIDE MECHANICAL (EXPLOSION-PROOF) VENTILATION.

Protective Gloves:CHEMICAL RESISTANT

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS

Other Protective Equipment:LONG SLEEVES, EMERGENCY EYEWASH STATION AND  
SHOWER.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT  
AND BEFORE EATING DRINKING  
OR SMOKING.

Supplemental Safety and Health

LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE. HEALTH STUDIES HAVE SHOWN  
THAT MANY PETROLEUM HYDROCARBONS POSE POTENTIAL HUMAN HEALTH RISKS  
WHICH MAY VARY FROM PERSON TO PERSON. AS A PRECAUTION, EXPOSURE TO  
LIQUIDS, VAPORS, MISTS OR FUMES SHOULD BE MINIMIZED.

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

HCC:F3

Boiling Pt:=139.C, 282.2F

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

Vapor Pres:14

Vapor Density:3.70

Spec Gravity:0.87

Eva

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

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR, COLORLESS LIQUID, AROMATIC ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, CONCENTRATED NITRIC AND SULPHURIC ACIDS,  
HALOGENS AND MOLTEN SULPHUR.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, OPEN FLAMES,  
STATIC DISCHARGE

Hazardous Decomposition Products:FUMES, TOXIC GASES, S  
MOKE, CARBON  
MONOXIDE

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING  
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR  
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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