

EXXON CO. USA -- XYLENE -- 6810-00-584-4070

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

Product ID:XYLENE

MSDS Date:11/12/1992

FSC:6810

NIIN:00-584-4070

MSDS Number: BFGQH

=== Responsible Party ===

Company Name:EXXON CO. USA

Address:800 BELL ST

Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:US

Info Phone Num:713-870-6000

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

CAGE:LO071

=== 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 CO. USA

Address:800 BELL ST

Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:US

CAGE:LO071

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:MACARTHUR PETROLEUM & SOLVENT CO INC

Address:

126 PASSAIC STREET
City:NEWARK
State:NJ
ZIP:07104-3921
Country:US
Phone:800-482-4401/800-424-9300(CHEMTREC)
CAGE:3R483

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Composition/Information on Ingredients
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Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 85%
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: 15%
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

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Hazards Identification
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LD50 LC50 Mixture:LD50 ORAL RAT=4300MG/KG (RTECS)
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES:MAY BE IRRITATING. INHAL:MAY
IRRITATE EYES AND RESPIRATORY TRACT AND CAUSE CENTRAL N
ERVOUS SYTEM
EFFECTS. INGEST:ASPIRATION OF MATERIAL SWALLOWED MAY CAUSE LUNG
DAMAGE.SKIN:MAY CAUSE IRRITATION.
Explanation of Carcinogenicity:THIS MATERIEL HAS BEEN INVESTIGATED BY
RTECS AS A TUMORIGEN,REPRODUCTIVE EFFECTOR.
Effects of Overexposure:INHALED: COUGHING, SHORTNESS OF BREATH,
DIZZINESS, DROWSINESS, HEADACHE, NAUSEA, VOMITING. EYES: REDNESS,
BLURRED VISION, DISCOMFORT. SKIN: REDNESS, RASH, DISCOMFORT.
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN CONDITIONS

(DERMATITIS) MAY BE AT INCREASED RISK FROM EXPOSURE.

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First Aid Measures
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First Aid:INHALED: MOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING DIFFICULT, GIVE OXYGEN.KEEP QUIET. GET MEDICAL ATTENTION. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES. IF SYMPTOMS PERSIST, SEE DOCTOR. SKIN: FLUSH WITH WATER; THEN WASH WITH SOAP AND WATER. INGESTED: DO NOT INDUCE VOMITING! KEEP AT REST AND GET IMMEDIATE MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point Method:TCC
Flash Point:81.0F,27.2C
Autoignition Temp:Autoignition Temp Text:>930F
Lower Limits:1.9
Upper Limits:12.3
Extinguishing Media:FOAM OR DRY CHEMICAL
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:VAPORS MAY TRAVEL SOME DISTANCE TO A SOURCE OF IGNITION AND FLASHBACK.FLOWING LIQUID GENERATES STATIC ELECTRICITY.

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Accidental Release Measures
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Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. CONTROL SPILL, STOP LEAK. ABSORB WITH INERT MATERIAL AND PLACE IN MARKED CONTAINER FOR LATER DISPOSAL. DO NOT ALLOW INTO SEWERS OR WATERWAYS.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:STORE IN A COOL, DRY AREA AWAY FROM SOURCES OF IGNITION AND INCOMPATIBLES. DO NOT USE NEAR SOURCES OF IGNITION OR INCOMPATIBLES.
Other Precautions:BOND AND GROUND CONTAINERS WHEN TRANSFERRING LIQUID(FLOWING LIQUID GENERATES STATIC ELECTRICITY).

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Exposure Controls/Personal Protection
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Respiratory Protection:USE A NIOSH RESPIRATOR WHERE ENVIRONMENTAL CONTROLS ARE LACKING;USE A SELF-CONTAINED BREATHING APPARATUS IN

ENCLOSED SPACES.

Ventilation:LOCAL EXHAUST.MECHANICAL DILUTION VENTILATION FOR CONFINED SPACES OR HEATED PRODUCT.

Protective Gloves:NITRILE

Eye Protection:SAFETY GLASSES OR GOGGLES W/ SHIELDS

Other Protective Equipment:LONG SLEEVED PROTECTIVE CLOTHING. EYE-WASH FACILITIES.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

REPORTABLE QUANTITY, XYLENE: 1,000 POUNDS. REPORTABLE QUANTITY,

ETHYLBENZENE: 1,000 POUNDS.

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

HCC:F3

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

Vapor Pres:14@100F

Spec Gravity:0.87

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

Solubility in Water:NEGLIGIBLE (.02%)

Appearance and Odor:LIQUID,MOBILE;COLORLESS;SOLVENT TYPE ODOR(MERCK)

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRON

G OXIDIZING AGENTS, CONCENTRATED SULFURIC AND NITRIC ACIDS, HALOGENS, MOLTEN SULFUR.

Stability Condition to Avoid:ELEVATED TEMPERATURES,SOURCES OF IGNITION.

Hazardous Decomposition Products:MANUFACTURER STATES NONE KNOWN.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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ing agencies):

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