

SUN REFINING AND MARKETING CO -- XYLENE -- 6810-00-584-4071

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

Product ID:XYLENE

MSDS Date:03/04/1993

FSC:6810

NIIN:00-584-4071

MSDS Number: BTHND

=== Responsible Party ===

Company Name:SUN REFINING AND MARKETING CO

Address:1801 MARKET ST.TEN PENN CENTER; 18 FLOOR

City:PHILADELPHIA

State:PA

ZIP:19103

Country:US

Info Phone Num:215-447-1852

Emergency Phone Num:215-44

7-1852/800-964-8861

CAGE:8X531

=== Contractor Identification ===

Company Name:SUN REFINING AND MARKETING COMPANY

Address:1801 MARKET ST,TEN PENN CTR

Box:City:PHILADELPHIA

State:PA

ZIP:19103-1699

Country:US

Phone:215-977-6133

CAGE:8X531

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

Ingred Name:O-XYLENE (O-DIMETHYLBENZENE) (SARA III)

CAS:95-47-6

RTECS #:ZE2450000

Fraction by Wt: 0-17.5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100PPM

ACGIH TLV:100 PPM/150STEL;9394

EPA R

pt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:M-XYLENE (M-DIMETHYLBENZENE) (SARA III)
CAS:108-38-3
RTECS #:ZE2275000
Fraction by Wt: 0-47.1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM/150STEL;9394
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:P-XYLENE (P-DIMETHYLBENZENE) (SARA III)
CAS:106-42-3
RTECS #:ZE2625000
Fraction by Wt: 0-22% %
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM/150STEL;9394
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 L
BS

Ingred Name:ETHYL BENZENE (SARA III)
CAS:100-41-4
RTECS #:DA0700000
Fraction by Wt: 0-12.6%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM/125STEL;9394
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 0-.8% %
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM; Z-2
ACGIH TLV:S, 50 PPM; 9394
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

==== Hazards Identification =====

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LD50 LC50 Mixture:TLV 100 PPM

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

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

Health Hazards Acute and Chronic:HIGH VAPOR CONCENTRATIONS MAY CAUSE DIZZINESS. MAY CAUSE SKIN IRRITATION. CAUSE EYE IRRITATION. HARMFUL OR FATAL IF SWALLOWED. PULMONARY ASPIRATION HAZARD--CAN ENTER LUNGS AND CAUSE DAMAGE. MAY CAUSE SEVERE CHRONIC TOXICITY. REPEATED EXCESSIVE EXPOSURE MAY CAUSE LIVER EFFECTS OR DAMAGE.

Explanation of Car

cinogenicity:THIS PRODUCT IS NOT LISTED BY IARC, NTP

OR OSHA AS A CARCINOGEN, MUTAGEN, TERATOGEN OR NEUROTOXIN.

Effects of Overexposure:IRRITATION TO EYES, NOSE, THROAT AND LUNGS. MAY CAUSE DIZZINESS, LOSS OF BALANCE AND COORDINATION, UNCONSCIOUSNESS, COMA, RESPIRATORY FAILURE, DEATH, DEFATTING OF SKIN, LUNG DAMAGE.

Medical Cond Aggravated by Exposure:DISORDERS OR DISEASE OF THE SKIN, EYE, LIVER, KIDNEY, NERVOUS SYSTEM, RESPIRATORY AND/OR PULMONARY SYSTEM, LUNG(EG ASTHMA-LIKE CONDITIONS) MAY BE EFFECTED BY EXPOSURE.

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

First Aid:INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND QUIET. GET MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. DO NOT GIVE LIQUIDS. OBTAIN EMERGENCY MEDICAL ATTENTION.

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

Flash Point Method:CC

Flash Point:79.0F,26.1C

Autoignition Temp:Autoignition Temp Text:870F

Lower Limits:1.1 %

Upper Limits:6.6 %

Extinguishing Media:WATER SPRAY, REGULAR FOAM, DRY CHEMICAL, CARBON DIOXIDE

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusu

al Fire/Explosion Hazard:FLAMMABLE LIQUID (FLASH POINT LESS THAN 100F).

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

Spill Release Procedures:PREVENT IGNITION. STOP LEAK. VENTILATE AREA. CONTAIN SPILL. USE WATER SPRAY TO DISPERSE VAPORS. KEEP UPWIND OF LEAK. ABSORB ON INERT MATERIAL. SHOVEL, SWEEP OR VACUUM SPILL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES. KEEP IN WELL VENTILATED AREA. TRANSFER OPERATIONS MUST BE ELECTRICALLY GROUNDED TO DISSIPATE STATIC BUILDUP.
Other Precautions:AVOID PROLONGED CONTACT WITH SKIN. AVOID CONTACT WITH EYES. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR SELECTION.
Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION TO MAINTAIN EXPOSURE LEVELS.
Protective Gloves:NEOPRENE, NITRIL, PVA
Eye Protection:SPLASH PROOF CHEMICAL GOGGLES, SHIELD
Other Protective Equipment:CHEMICAL RESISTANT CLOTHING
Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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

HCC:F4
Boiling Pt:B.P. Text:278F,137C
Melt/Freeze Pt:M.P/F.P Text:-53F,-47C
Vapor Pres:9
Vapor Density:3.7
Spec Gravity:0.87
Evaporation Rate & Reference:.1 (ETHYL ETHER = 1)
Solubility in Water:NIL
Appearance and Odor:COLORLESS LIQUID, SWEET PLEASANT ODOR
Percent Volatiles by Volume:100 %

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS
Stabil

ity Condition to Avoid:HEAT, SPARKS, OPEN FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE AND ASPHYXIANTS

===== 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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