

STARTEX CHEMICAL INC -- XYLENE -- 6810-00-584-4071

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Product Identification
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Product ID:XYLENE
MSDS Date:06/15/1995
FSC:6810
NIIN:00-584-4071
Status Code:A
MSDS Number: CLMNG
=== Responsible Party ===
Company Name:STARTEX CHEMICAL INC
Address:5 HACKBERRY LANE
Box:3087
City:CONROE
State:TX
ZIP:77305
Country:US
Info Phone Num:409-539-6244
Emergency Phone Num:(800)424-9300
Chemtrec Ind/Phone:
e:(800)424-9300
CAGE:0YFV5
=== Contractor Identification ===
Company Name:STARTEX CHEMICAL INC
Address:5 HACKBERRY LANE
Box:3087
City:CONROE
State:TX
ZIP:77305
Country:US
Phone:409-539-6244
CAGE:0YFV5

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Composition/Information on Ingredients
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Ingred Name:XYLENE
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 85%
ACGIH TLV:434 MG/M3;100 PPM
ACGIH STEL:651 MG/M3;150 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ETHYLBENZENE
CAS:100-41-4
RTECS #:DA0700000
F

reaction by Wt: 15%
OSHA PEL:435 MG/M3;100 PPM
ACGIH TLV:434 MG/M3;100 PPM
ACGIH STEL:543 MG/M3;125 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:UNKNOWN Ingestion:YES
Health Hazards Acute and Chronic:EYE: IRRITATING BUT DOES NOT INJURE
EYE TISSUE. SKIN: FREQUENT OR PROLONGED CONTACT MAY IRRITATE. LOW
ORDER OF TOXICITY. OCCASIONAL BRIEF CONTACT WITH THE LIQUID WILL
NOT RESULT
IN SIGNIFICANT IRRITATION UNLESS EVAPORATION IS
IMPEDED. INHALATION: HIGH VAPOR/AEROSOL CONCENTRATIONS (>1000 PPM)
ARE IRRITATION TO THE EYES AND THE RESPIRATORY TRACT, MAY CAUSE
HEADACHE, DIZZINESS, UNCONSCIOUSNESS, OTHER CNS EFFECTS EVEN
DEATH. INGESTION: SMALL AMOUNTS OF THIS PRODUCT ASPIRATED INTO THE
RESPIRATORY SYSTEM DURING INGESTION OR VOMITING MAY CAUSE MILD TO
SEVERE PULMONARY INJURY, POSSIBLY PROGRESSING TO DEATH. LOW ORDER
OF TOXICITY.

Effects of Overexposure:
EYE: IRRITATION. SKIN: IRRITATION. INHALATION:
MAY CAUSE HEADACHES, DIZZINESS, ANESTHESIA, DROWSINESS,
UNCONSCIOUSNESS, AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS,
INCLUDING DEATH. INGESTION: MAY CAUSE SEVERE PULMONARY INJURY,
POSSIBLY PROGRESSING TO DEATH. SMALL AMOUNTS OF THIS PRODUCT
ASPIRATED INTO THE RESPIRATION SYSTEM DURING INGESTION OR VOMITING
MAY CAUSE MILD TO SEVERE PULMONARY INJURY, POSSIBLY PROGRESSING TO
DEATH.

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

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

First Aid:EYE: FLUSH WITH LARGE AMOUNTS OF WATER UNTIL IRRITATION
SUBSIDES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. SKIN:
FLUSH WITH LARGE AMOUNTS OF WATER; USE SOAP IF AVAILABLE. REMOVE
GROSSLY CONTAMINATED CLOTHING, INCLUDING SHOES, AND LAUNDRY BEFORE
REUSE. INHALATION: USING PROPER RESPIRATORY PROTECTION, IMMEDIATELY
REMOVE THE AFFECTED PERSON FROM THE AREA.

CTED VICTIM FROM EXPOSURE. ADMINISTER ARTIFICIAL RESPIRATION IF BR EATHING IS STOPPED. KEEP AT REST. CALL FOR PROMPT MEDICAL ATTENTION. INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. KEEP AT REST. GET PROMPT MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:=27.2C, 81.F

Autoignition Temp:=500.C, 932.F

Autoignition Temp Text:APPROX

Lower Limits:1.9

Upper Limits:12.3

Extinguishing Media:FOAM OR DRY CHEMICAL. I

F A SPILL OR LEAK HAS NOT

IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS

Fire Fighting Procedures:RESPIRATORY AND EYE PROTECTION REQUIRED FOR FIRE FIGHTING PERSONNEL. USE WATER SPRAY TO FOOL FIRE EXPOSED SURFACES AND TO PRETECT PERSONNEL. SHUT OFF "FUEL" TO FIRE. IF A LEAK OR SPILL HAS IGNITED, US E WATER SPRAY TO DISPERSE THE VAPORS. AVOID SPRAYING WATER DIRECTLY INTO STORAGE CONTAINERS DUE TO DANGER OF BOILOVER.

Unusual Fire/Explosion Hazard:FLAMMABLE LIQUID, CAN RELEA SE VAPORS THAT

FORM FLAMMABLE MIXTURES AT TEMPERATURES AT OR ABOVE THE FLASHPOINT. TOXIC GASES WILL FORM UPON COMBUSTION. STATIC DISCHARGE, MATERIAL CAN ACCUMULATE STATIC CH ARGES WHICH CAN CAUSE AN INCENDIARY ELECTRICAL DISCHARGE. SEE OTHER INFORMATION.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. PREVENT ADDITIONAL DISCHARGE OF MATERIAL, IF POSSIBLE TO DO SO WITHOUT HAZARD. FOR SMALL SPILLS

IMPLEMENT CLEANUP PROCEDURES: FOR LARGE

SPILLS IMPLEMTNT CLEANUP PROCEDUR ES AND, IF IN PUBLIC AREA, DEEP PUBLIC AWAY AND AVISE AUTHORITIES. ALSO IF THIS PRODUCT IS SUBJECT TO CERCLA REPORTING NOTIFY THE NATIONAL RESPONSE CENTER.(SEE OTHER INFORMATION FOR CONTINUATION).

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

Handling and Storage Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT R

RESIDUES (VAPOR, LIQUID, AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED. WARNING!!! SUDDEN RELEASE OF HOT ORGANIC CHEMICAL VAPORS OR MISTS FROM PROCESS (SEE BELOW)

Other Precautions: OPERATING AT ELEVATED TEMPERATURE AND PRESSURE, OR SUDDEN INGRESS OF AIR INTO VACUUM EQUIPMENT, MAY RESULT IN IGNITIONS WITHOUT THE PRESENCE OF OBVIOUS IGNITION SOURCES.

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

Respiratory Protection: WH

WHERE CONCENTRATION IN AIR MAY EXCEED THE LIMITS

GIVEN IN THE LIMITS OF EXPOSURE AND ENGINEERING, WORK PRACTICES OR OTHER MEANS OF EXPOSURE REDUCTION ARE NOT ADEQUATE, NIOSH/MSHA APPROVED RESPIRATORS MAY BE NECESSARY TO PREVENT OVEREXPOSURE BY INHALATION.

Ventilation: THE USE OF LOCAL EXHAUST VENTILATION IS RECOMMENDED TO CONTROL PROCESS EMISSIONS NEAR THE SOURCE. USE EXPLOSIVE PROOF VENTILATION EQUIPMENT.

Protective Gloves: CHEMICAL RESISTANT

Eye Protection: SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment: LONG SLEEVED CLOTHING.

Supplemental Safety and Health

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

HCC: F3

Boiling Pt: >138.9C, 282.F

B.P. Text: 282-286

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

Vapor Pres: 14 AT 100F APPROX

Spec Gravity: 0.87 AT 60F

Viscosity: 0.7 CST AT 77F APPROX

Evaporation Rate & Reference: 0.18 APPROX

Solubility in Water: 0.02 AT 77 CALCULATED

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

Stability

Indicator/Materials to Avoid: YES
STRONG OXIDIZING AGENTS, CONCENTRATED NITRIC AND SULPHURIC ACIDS,
HALOGEN AND MOLTEN SULPHUR. TEMPERATURES ABOVE AMBIENT.
Hazardous Decomposition Products: NONE
Conditions to Avoid Polymerization: WILL NOT OCCUR.

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

Waste Disposal Methods: CONSULT AN EXPERT ON DISPOSAL OF RECOVERED
MATERIAL AND ENSURE CONFORMITY TO LOCAL DISPOSAL REGULATIONS.

===== Other Information =====
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