

SHELL CHEMICAL COMPANY A DIV. OF SHELL OIL CO. -- SHELL XYLENE -- 6850-00-584-4070

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Product Identification
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Product ID:SHELL XYLENE

MSDS Date:10/04/1993

FSC:6850

NIIN:00-584-4070

MSDS Number: BXVCL

=== Responsible Party ===

Company Name:SHELL CHEMICAL COMPANY A DIV. OF SHELL OIL CO.

Address:1 SHELL PLAZA

Box:2463

City:HOUSTON

State:TX

ZIP:77001

Country:US

Info Phone Num:713-241-4819

Eme

rgency Phone Num:713-473-9461

Preparer's Name:J. C. WILLETT

CAGE:86961

=== Contractor Identification ===

Company Name:HOC INDUSTRIES, INC

Address:3511 N. OHIO

Box:2609

City:WICHITA

State:KS

ZIP:67219

Country:US

Phone:316-838-4663

CAGE:0A9L8

Company Name:SHELL CHEMICAL COMPANY A DIV. OF SHELL OIL CO.

Address:1 SHELL PLAZA

Box:2463

City:HOUSTON

State:TX

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CAGE:86961

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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: 70-87%

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: 16-20%

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

Ingred Name:TOLUENE

CAS:108-88-3

RTECS #:XS5250000

Fraction by W

t: 0.3-1.5%

Other REC Limits:NONE RECOMMENDED

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:BENZENE

CAS:71-43-2

RTECS #:CY1400000

Fraction by Wt: 5.2 G/KG

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

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

Health Hazards Acute and Chronic:EYE-MODERATELY IRRITATING TO THE

EYES.SKIN-MILDLY IRRITATING TO THE SKIN. RESULTING IN SKIN

IRRITATION & DERMATITIS. INHALATION-MAY BE IRRITATING TO NOSE,

THROAT & RESPIRATORY TRACT

. HIGH VAPOR CONCEN TRATION MAY CAUSE CNS

DEPRESSION. INGESTION-MODERATELY TOXIC & MAY BE HARMFUL IF

SWALLOWED. MAY PRODUCE CNS DEPRESSION.

Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS

LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:SKIN-DEFATTING AND DRYING OF THE SKIN.

INGEST-LIQUID INGESTING MAY RESULT IN VOMITING; GIDDINESS,

HEADACHE, DIZZINESS AND NAUSEA; IN EXTREME CASES, UNCONSCIOUSNESS

AND DEATH MAY OCCUR. ASPIRATION

PNEU MONITIS MAY BE EVIDENCED BY
COUGHING, LABORED BREATHING & CYANOSIS. IN SEVERE CASES DEATH MAY
OCCUR.

Medical Cond Aggravated by Exposure:PREEXISTING EYE, SKIN AND
RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS
PRODUCT.

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

First Aid:EYE-FLUSH WITH WATER FOR 15 MINUTES. SEE A DOCTOR. SKIN-WASH
WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING & SHOES.
INHALE-REMOVE TO FRESH AIR & PROVIDE OX
YGEN IF BREATHING IS
DIFFICULT. GIVE CPR IF NOT BREATHING. SEE A DOCTOR. INGEST-DONOT
INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW
HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. SEE A DOCTOR.

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

Flash Point Method:TCC

Flash Point:76.0F,24.4C

Lower Limits:1

Upper Limits:7

Extinguishing Media:USE WATER FOG, FOAM, DRY CHEMICAL & CO2. DO NOT USE
A DIRECT STREAM OF WATER. PRODUCT WILL FLOA
T & REIGNITE ON SURFACE.

Fire Fighting Procedures:WARNING. FLAMMABLE. DO NOT ENTER CONFINED FIRE
SPACE WITHOUT FULL BUNKER GEAR. INCLUDING A POSITIVE PRESSURE NIOSH
APPROVED SELF-CONTAINED BREATHING APPARATUS

Unusual Fire/Explosion Hazard:CONTAINERS EXPOSED TO HEAT FROM FIRES
SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILDUP WHICH
COULD RESULT IN CONTAINER RUPTURE.

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

Spill Release Procedures:WARNING.

FLAMMABLE. ELIMINATE ALL IGNITION

SOURCES. HANDLING EQUIPMENT MUST BE GROUNDED TO PREVENT SPARKING.

SPILL-TAKE UP WITH AN ABSORBENT MATERIAL AND PLACE IN NON-LEAKING
CONTAINERS; SEAL TIGHTLY FOR PROPER DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED WHEN NOT IN USE.
USE WITH ADEUATE VENTILATION. KEEP LIQUID & VAPOR AWAY FROM HEAT,
SPARKS &

FLAME.

Other Precautions:CONTAINERS, EVEN THOSE THAT HAVE BEEN EMPTIED, CAN CONTAIN EXPLOSIVE VAPORS. DO NOT CUT, DRILL, GRIND, WELD OR PERFORM SIMILIAR OPERATIONS ON OR NEAR CONTAINER. DO NOT PRESSURIZE DRUM CONTAINERS TO EM PTY THEM.

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

Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED EXPOSURE LIMITS, USE NIOSH APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE, IN ACCORD WITH 29 CFR 1910.134, USE EITHER AN A TMOsphere-SUPPLYING RESPIRATOR OR AN AN AIR-PURIFY ING RESPIRATOR FOR ORGANIC VAPORS.

Ventilation:USE EXPLOSION-PROOF VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS.

Protective Gloves:CHEMICAL RESISTANT GLOVES.

Eye Protection:SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:WEAR PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE CONTACT.

Work Hygienic Practices:WASH WITH SOAP & WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHES.

Supplemental Safety and Health

STATIC ELECTRICITY MAY ACCUMULATE AND CREATE A FIRE HAZARD. GROUND FIXED EQUIPMENT. BOND AND GROUND TRANSFER CONTAINERS AND EQUIPMENT.

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

HCC:F3

Boiling Pt:B.P. Text:279-289F

Vapor Pres:21

Vapor Density:3.7

Spec Gravity:0.87

Evaporation Rate & Reference:0.6 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS LIQUID. AROMATIC HYDROCARBON ODOR.

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Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

AVOID STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT. SPARKS, FLAMES.

Hazardous Decomposition Products:CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

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

Waste Disposal Methods:PLACE IN A DISPOSAL FACILITY APPROVED UNDER RCRA REGULATIONS FOR HAZARDOUS WASTE. USE NON-LEAKING C

CONTAINERS, SEAL

TIGHTLY & LABEL PROPERLY. DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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