

EXXON CO USA, A DIV OF EXXON CORP. -- TOLUENE -- 6810-00-281-2002

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Product Identification
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Product ID:TOLUENE

MSDS Date:09/17/1995

FSC:6810

NIIN:00-281-2002

MSDS Number: BDSPZ

=== Responsible Party ===

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

Address:800 BELL ST

Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:US

Info Phone Num:713-656-3424/3540

Emergency Phone Num:713-656-3

424/800-424-9300(CHEMTREC)

CAGE:29700

=== Contractor 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

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Composition/Information on Ingredients
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Ingred Name:TOLUENE (SARA 313) (CERCLA)

CAS:108-88-3

RTECS #:XS5250000
Fraction by Wt: 100.0%
OSHA PEL:200 PPM; Z-2
ACGIH TLV:S, 50 PPM; 9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE:IRRITATING BUT NOT INJURIOUS.
SKIN:PROLONGED/REPEATED SKIN CONTACT MAY IRRITATE/CAUSE DERMATITIS.
INHALED:VAPOR/AEROSOL CONCENTRATIONS >1000 PP
M IRRITATE EYES &
RESPIRATORY TRACT & CAUSE CNS DEPRES-
SION/INJURY,HEADACHE,DIZZINESS. INGESTED:SMALL AMTS ASPIRATED INTO
LUNGS MAY CAUSE MILD TO SEVERE PULMONARY INJURY.
Explanation of Carcinogenicity:MFR LISTED NO INFORMATION ABOUT THE
CARCINOGENICITY OF THIS MATERIAL. HMIS DOES NOT EXPECT IT TO BE
CARCINOGENIC.
Effects of Overexposure:EYE IRRITATION. PROLONGED/REPEATED SKIN CONTACT
MAY IRRITATE & CAUSE DERMATITIS. INHALATION:HEADACHE, DIZZINESS,
ANESTHESIA, DROWSIN-
ESS, UNCONSCIOUSNESS, BRAIN DAMAGE & POSSIBLY
DEATH. INGESTED:ASPIRATION INTO THE LUNGS DURING INGESTION
ORVOMITING, MAY CAUSE RESPIRATORY INJURY & POSSIBLY DEATH.
Medical Cond Aggravated by Exposure:EXISTING DERMATITIS

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

First Aid:IF IRRITATION PERSISTS OR IS SEVERE, SEE A DOCTOR. EYE:FLUSH
W/WATER UNTIL IRRITATION SUBSIDES. SKIN:WASH WITH SOAP & WATER.
REMOVE GROSSLY CONTAMINATED CLOTHING AND LAUNDRER BEFORE RE-
USE.
INHALED:REMOVE TO FRESH AIR. AID/RESTORE BREATHING IF NECESSARY.
INGESTED: DO NOT INDUCE VOMITING. KEEP QUIET & GET IMMEDIATE
MEDICAL CARE.

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

Flash Point Method:TCC
Flash Point:45.0F,7.2C
Autoignition Temp:Autoignition Temp Text:>1000F
Lower Limits:1.4
Upper Limits:7.4
Extinguishing Media:MFR: ? HMIS:USE CARBON DIOXIDE,FOAM,DRY CHEMICAL,OR
WATER FOG. WATER MAY CAUSE FROTHING AND/OR SPREAD FIRE.
Fire Fight

ing Procedures:'EMPTY' CONTAINERS MAY CONTAIN RESIDUE/ VAPOR.
TREAT THEM WITH RESPECT DUE FULL ONES. DO NOT CUT,WELD,ETC. ON
THEM. 'GROUND' CONTAINERS WHEN TRANSFERRING LIQUID
Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY
TRAVEL ALONG GROUND OR FLOOR, THEN 'FLASH BACK' FROM A DISTANT
IGNITION SOURCE.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION PREVENT
ADDITIONAL DISCHARGE
IF W/O HAZARD. SMALL SPILL:IMPLEMENT CLEAN-UP
PROCEDURES. LARGE SPILL:IMPLEMENT CLEANUP PROCEDURES. ISOLATE AREA
7 ADVISE AUTHORITIES. PR EVENT FROM ENTERING SEWER, WATERWAYS.
RECOVER.
Neutralizing Agent:NO INFORMATION GIVEN ON MSDS BY MFR. FO SPILL,
RECOVER BY PUMPING OR ABSORBENT.

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

Handling and Storage Precautions:STORE AT AMBIENT TEMPERATURE &
ATMOSPHERIC PRESSURE. USE PROPER GROUNDING PROCEDURES.
Other
Precautions:HEALTH STUDIES HAVE SHOWN THAT HYDROCARBONS POSE
POTENTIAL HUMAN HEALTH RISKS WHICH VARY FROM PERSON TO PERSON.

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

Respiratory Protection:WHERE AIRBORN CONCENTRATIONS EXCEED LIMITS AND
VENTILATION & WORK PRACTICE DOES NOT REDUCE EXPOSURE TO BELOW
LIMITS, USE A NIOSH/MSHA APPROVED RESPIRATOR TO PREVENT
OVEREXPOSURE.
Ventilation:USE LOCAL EXHAUST TO CONTROL EMISSIONS NEAR SOURCE. USE
MECHANICAL VENT
ILATION FOR ECNLOSED SPACES.
Protective Gloves:CHEMICAL RESISTANT
Eye Protection:SAFETY GLASSES W/SIDE SHIELDS
Other Protective Equipment:LONG SLEEVES. HMIS RECOMMENDS GOGGLES
REPLACE RHE ABOVE RECOMMENDATION FOR EYE PROTECTION.
Work Hygienic Practices:MINIMIZE EXPOSURE TO LIQUIDS, VAPORS, MISTS OR
FUMES.
Supplemental Safety and Health
NONE

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

HCC:F3
NRC/State Lic Num:NONE
Boiling Pt:B.P. Text:230F,110C
Melt/Freeze Pt:M.

P/F.P Text: