

GREAT WESTERN CHEMICAL CO -- TOLUENE -- 6810-00-711-2185

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Product Identification
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Product ID:TOLUENE
MSDS Date:06/06/1991
FSC:6810
NIIN:00-711-2185
MSDS Number: BTKRM
=== Responsible Party ===
Company Name:GREAT WESTERN CHEMICAL CO
Address:808 S.W. 15TH AVENUE
City:PORTLAND
State:OR
ZIP:97205
Country:US
Info Phone Num:503-228-2600
Emergency Phone Num:503-228-2600
Preparer's Name:MIKE HO
EFLER
CAGE:GREA1
=== Contractor Identification ===
Company Name:GREAT WESTERN CHEMICAL CO
Address:808 S W 15 AVE
City:PORTLAND
State:OR
ZIP:97205
Country:US
Phone:503-228-2600
CAGE:GREA1

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Composition/Information on Ingredients
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Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 100% %
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

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Hazards
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Identification =====

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:MAY CAUSE EYE IRRITATION, SKIN

IRRITATION. HARMFUL IF INHALED. HARMFUL IF SWALLOWED. REPEATED EXPOSURE MAY LEAD TO DERMATITIS WITH CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING HEADACHE, NAUSEA AND LASSITUDE.

Explanation of Carcinogenicity:THIS PRODUCT IS NOT LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN, MUTAGEN, TERATOGEN OR NEUROTOXIN.

Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION, RESPIRATORY TRACT IRRITATION, GASTROINTESTINAL TRACT IRRITATION, CENTRAL NERVOUS SYSTEM DEPRESSION, DERMATITIS, NAUSEA, LASSITUDE, HEADACHE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== 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 WATERFOR 15 MINUTES.

GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING.

IMMEDIATELY DRINK LARGE QUANTITY OF MILK OR WATER. CONTACT PHYSICIAN.

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

Flash Point Method:TCC

Flash Point:=-4.4C, 40.F

Lower Limits:1.27 %

Upper Limits:7.0 %

Extinguishing Med

ia:FOAM, CARBON DIOXIDE, DRY CHEMICALS

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.

Unusual Fire/Explosion Hazard:MAY PRODUCE HAZARDOUS FUMES OR HAZARDOUS DECOMPOSITION PRODUCTS. VAPORS FROM THIS PRODUCT MAY CONCENTRATE IN CONFINED SPACES AND FORM AN EXPLOSIVE MIXTURE.

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

Sp

ill Release Procedures:REMOVE ALL SOURCES OF IGNITION AND CONTAIN SPILLED LIQUID. FOR SMALL SPILLS, ADD DRY MATERIAL TO CONTAIN. WEARING RECOMMENDED PROTECTIVE EQUIPMENT AND USING EXPLOSION PROOF EQUIPMENT, REMOVE BULK OF L IQUID. ADD DRY MATERIAL TO ABSORB REMAINDER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED AREA AWAY FROM HEAT , SPARKS AND OPEN FLAME. ALWAYS GROUND AND BOND CONTAINER BEFORE TRANSFERRING.

Other Precautions:EMPTY CONTAINER IS HAZARDOUS. IT CAN CONTAIN FLAMMABLE RESIDUES AND HIGHLY FLAMMABLE/EXPLOSIVE VAPORS. DO NOT CUT, PUNCTURE OR WELD ON OR NEAR THIS CONTAINER.

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

Respiratory Protection:IF AN OSHA-PEL IS EXCEEDED, THEN A NIOSH-APPROVED REASPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE OR SUPPLIED AIR IS REQUIRED.

Ventilat ion:LOCAL EXHAUST REQUIRED. MECHANICAL VENTILATION IS RECOMMENDED AS A SUPPLEMENT TO THE LOCAL EXHAUST SYSTEM.

Protective Gloves:RUBBER OR SYNTHETIC RUBBER.

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:APRON, BOOTS, EYEWASH, SAFETY SHOWER.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

THIS PRODUCT CONTAINS TOLUENE WHICH IS ON THE CALIFORNIA PROPOSITION 65 LIST OF CHEMICALS KN OWN BY THE STATE OF CALIFORNIA TO CAUSE CANCER OR REPRODUCTIVE TOXICITY.

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

HCC:F2

Boiling Pt:=110.6C, 231.F

Melt/Freeze Pt:=-95.C, -139.F

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:0.866

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR, COLORLESS LIQUID WITH A CHARACTERISTIC ODOR

Percent Volatiles by Volume:100 %

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===== Stability and Reactivity D

ata =====

Stability Indicator/Materials to Avoid: YES

OXIDIZERS

Stability Condition to Avoid: HOT STORAGE

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE

===== 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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