

HILL PETROLEUM COMPANY -- TOLUENE -- 6810-00-411-4192

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

Product ID:TOLUENE

MSDS Date:11/20/1989

FSC:6810

NIIN:00-411-4192

MSDS Number: BJDNG

=== Responsible Party ===

Company Name:HILL PETROLEUM COMPANY

Box:5038

City:HOUSTON

State:TX

ZIP:77262

Country:US

Info Phone Num:713-923-6641

Emergency Phone Num:713-923-6641/800-424-9300(CHEMTREC)

CAGE:1FY31

=== Contractor I

dentification ===

Company Name:EAGLE MILL SUPPLY CO INC

Address:2819 W 7TH STREET

Box:City:TEXARKANA

State:TX

ZIP:75501-6423

Country:US

Phone:214-794-0800

CAGE:2V894

Company Name:HILL PETROLEUM COMPANY

Address:LOUISIANA HWY 105 S LEVEE RD

Box:City:KROTZ SPRINGS

State:LA

ZIP:70750

Country:US

CAGE:1FY31

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

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:2

00 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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===== 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:ACUTE EFFECTS:SEVERE EYE  
IRRITATION,NASAL AND RESPIRATORY TRACT IRRITATION,CENTRAL NERVOUS  
SYSTEM EFFECTS,ANEMIA,IRREGULAR HEARTBEAT,HARMFUL OR FATAL IF  
SWALLOWED. CHRONIC EFFECTS:MODERATE SKIN  
IRRITA  
TION,DEFATTING,DERMATITIS,SECONDARY INFECTION,BEHAVIORAL CHANGES.  
TARGET ORGANS ARE CNS,LIVER,KIDNEYS,SKIN.  
Explanation of Carcinogenicity:NOT LISTED UNDER NTP, IARC OR OSHA.  
Effects of Overexposure:EYE CONTACT:REDNESS,TEARING,BLURRED VISION.  
SKIN CONTACT:REDNESS,ITCHING,INFLAMMATION. INHALATION:RESPIRATORY  
TRACT IRRITATION,EXCITATION,EUPHORIA,DIZZINESS,DROWSINESS,BLURRED  
VISION,FATIGUE,NAUSEA,HE ADACHE,TREMORS,CONVULSIONS,LOSS OF  
CONSCIOUSNESS. INGESTION:NAUSEA,V  
OMITING,DIARRHEA,RETLENESSNESS,CNS  
EFFECTS.  
Medical Cond Aggravated by Exposure:PREEXISTING EYE, SKIN, HEART,  
CENTRAL NERVOUS SYSTEM AND RESPIRATORY DISORDERS MAY BE AGGRAVATED  
BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES.SEE DOCTOR.  
SKIN:REMOVE CONTAMINATED CLOTHING AND SHOES. WASH WITH SOAP AND  
WATER.SEE DOCTOR. INHALATION: REMOVE VICTIM TO FRESH AIR.GIVE  
OXY  
GEN/CPR IF NEEDED.SEE DOCTOR. INGESTION: DO NOT INDUCE  
VOMIT.GIVE VEGETABLE OIL OR CHARCOAL SLURRY.IF SPONTANEOUS VOMIT  
OCCURS,KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION INTO LUNGS.SEE  
DOCTOR IMMEDIATELY.

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

Flash Point:40.0F,4.4C  
Lower Limits:1.3  
Upper Limits:7.0  
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL.  
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:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS. VAPORS HEAVIER THAN AIR.CAN TRAVEL A LONG DISTANCE ALONG GROUND AND FLASHBACK.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. VENTILATE AREA. USE NON-SPARKING TOOLS. WEAR PROPER PROTECTIVE EQUIPMENT. STOP

LEAK. ABSORB IN INERT ABSORBENT AND PLACE INTO APPROPRIATE DISPOSAL CONTAINER AND SEAL. PREVENT SPILLED MATERIAL FROM ENTERING WATER STREAMS.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED PLACE, AWAY FROM HEAT, IGNITION SOURCES AND INCOMPATIBLE MATERIALS. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

Other Precautions:USE NON-SPARKING TOOLS AND EXPLOSION PROOF EQUIPMENT.

GROUND CONTAINERS. AVOID BREATHING VAPORS, AND EYE AND SKIN CONTACT. USE ONLY WITH ADEQUATE VENTILATION. DO NOT TAKE INTERNALLY.

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

Respiratory Protection:NIOSH/MSHA RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE APPROPRIATE FOR EXPOSURE OF CONCERN OR SCBA IF TLV IS EXCEEDED.

Ventilation:SUFFICIENT MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV

Protective Gloves:NEOPRENE GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:FULL WORK CLOTHING TO PREVENT REPEATED OR PROLONGED SKIN CONTACT. EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. LAUNDRY CONTAMINATED CLOTHING. DISCARD CONTAMINATED LEATHER GOODS.

Supplemental Safety and Health

HIGH PRESSURE SKIN INJECTIONS ARE "SERIOUS MEDICAL EMERGENCIES".SEEK IMMEDIATE MEDICAL ATTENTION. DO NOT CUT, GRIND, DRILL, WELD OR

REUSE  
EMPTY CONTAINERS.

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

HCC:F2  
Boiling Pt:B.P. Text:230F,110C  
Vapor Pres:814  
Vapor Density:3.1  
Spec Gravity:0.87  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:COLORLESS LIQUID WITH AROMATIC HYDROCARBON ODOR.  
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS, STRONG ACIDS, CAUSTICS, AND HALOGENBS.  
St  
ability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES  
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, AND  
REACTIVE HYDROCARBONS (ALDEHYDES, AROMATICS, ETC.)

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE  
FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS. USE LICENSED  
TRANSPORTER AND DISPOSAL FACILITY.

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