

TEXACO CHEMICAL CO DIVISION OF TEXACO INC -- 75018 ETHYLENE GLYCOL -- 6810-00-006-4205

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

Product ID:75018 ETHYLENE GLYCOL

MSDS Date:06/14/1991

FSC:6810

NIIN:00-006-4205

MSDS Number: BJLZW

=== Responsible Party ===

Company Name:TEXACO CHEMICAL CO DIVISION OF TEXACO INC

Address:4800 FOURANCE INC

Box:430

City:BELLAIRE

State:TX

ZIP:77401-2324

Country:US

Info Phone Num

:713-961-3711

Emergency Phone Num:713-961-3711, CHEMTREC 800-424-9300

CAGE:19630

=== Contractor Identification ===

Company Name:BULK CHEMICALS DISTRIBUTORS,INC

Address:80 FIRST STREET

City:GRETNA,

State:LA

ZIP:70053

Country:US

Phone:504-362-3232 DISCONNECTED(2-20-92)

CAGE:56921

Company Name:TEXACO CHEMICAL CO DIV OF TEXCAO INC

Address:4800 FOURNACE PL

Box:City:BELLAIRE

State:TX

ZIP:77401

Country:US

Phone:713-961-3711

CAGE:19630

Company Name:UNI-KEM INTERNATIONAL

Address:1001 HARIMAW COURT EAST

B

ox:City:METAIRIE
State:LA
ZIP:70001
Country:US
Phone:504-835-7600/FAX:504-835-7608
CAGE:4S446

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Composition/Information on Ingredients
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Ingred Name:ETHYLENE GLYCOL (SARA III)
CAS:107-21-1
RTECS #:KW2975000
Fraction by Wt: 100.0%
Other REC Limits:NONE SPECIFIED
OSHA PEL:C 50 PPM
ACGIH TLV:C 50 PPM,VAPOR; 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
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Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: INGESTION:ABDOMINAL DISCOMFORT
OR PAIN, NAUSEA, CENTRAL NERVOUS SYSTEM DEPRESSION. SEVERE KIDNEY
AND LIVER DAMAGE FROM LARGE AMOUNTS; MAY BE FATAL.
INHALATION:IRRITATION OF THE NOSE AND THROAT. EYE:DISCOMFORT WITH
TRANSIENT CONJUNCTIVITIS. CHRONIC: INHALATION OF MIST MAY PRODUCE
SIGNS OF CNS DISTURBANCES.

Explanation of Carcinogenicity:DATA PER MSDS

Effects of Overexposure:MAY CAUSE

E DIZZINESS, MALAISE, LUMBAR PAIN,

OLIGURIA, UREMIA, AND CENTRAL NERVOUS SYSTEM DEPRESSION. MAY CAUSE
EYE, SKIN & RESPIRATORY TRACT IRRITATION.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF KIDNEY OR
LIVER DISORDERS MAYBE AT INCREASED RISK FROM EXPOSURE.

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First Aid Measures
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First Aid:INHALATION: REMOVE TO FRESH AIR. CALL A PHYSICIAN IF
DISCOMFORT PERSISTS. EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF
WATER FOR 1

5 MINUTES. CALL A PHYSICIAN. SKIN: WASH WITH PLENTY OF SOAP & WATER. REMOVE CONTAMINATED CLOTHING/SHOES. INGESTION: IF CONSCIOUS, GIVE 2 GLASSES OF WATER TO DRINK AND INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. CALL A PHYSICIAN IMMEDIATELY.

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

Flash Point Method:PMCC

Flash Point:244F,118C

Lower Limits:3.2

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedure

s: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:NONE EXPECTED

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

Spill Release Procedures:SMALL SPILL: WIPE/SOAK UP WITH PAPER TOWEL OR INERT ABSORBANT. PUT IN DISPOSAL CONTAINER. FLUSH RESIDUE WITH WATER. LARGE SPILL: VENTILATE AREA. IF POSSIBLE, STOP LEAK. DIKE TO R

ETA IN RUN OFF. VACUUM UP FREE LIQUID. FLUSH RESIDUE WITH WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER. WATER DILUTION RECOMMENDED.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES.

USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE ONLY.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE AND DUST/MIST PRE-FILTER RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/ WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation:MECHANIC

AL (GENERAL) ROOM VENTILATION IS ADEQUATE IF USE IS
ENCLOSED. LOCAL EXHAUST IS NEEDED IF VENTED INTO WORK AREA.

Protective Gloves:NEOPRENE, NITRILE, PVC OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR
FOOTWEAR.

Su

pplemental Safety and Health

DO NOT TAKE INTERNALLY. DO NOT GET ON SKIN OR IN EYES. AVOID PROLONGED
OR REPEATED BREATHING OF VAPOR. DO NOT BREATHE MISTS. WASH
THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING OR SMOKING
OR USING RESTROOM.

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

HCC:V5

Boiling Pt:=197.8C, 388.F

Vapor Pres:0.1

Vapor Density:2.14

Spec Gravity:1.13

pH:11.0

Evaporation Rate & Reference: