

CELANESE CHEMICAL CORP (PHIPPSPRODUCTS CORP, DISTR -- ETHYLENE GLYCOL, TECHNICAL
-- 6810-00-006-4206

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Product Identification
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Product ID:ETHYLENE GLYCOL, TECHNICAL

MSDS Date:01/01/1987

FSC:6810

NIIN:00-006-4206

MSDS Number: BCVBR

==== Responsible Party ===

Company Name:CELANESE CHEMICAL CORP (PHIPPSPRODUCTS CORP, DISTR

Emergency Phone Num:806-665-5552

Preparer's Name:NOT PROVIDED

CAGE:62

215

==== Contractor Identification ===

Company Name:CELANESE CHEMICAL CO INC; (HOECHST CELANESE CORP)

Address:1250 W MOCKINGBIRD LN

Box:City:DALLAS

State:TX

ZIP:75246

Country:US

Phone:800-424-9300

CAGE:62215

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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: 99.5%

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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Effects of Overexposure:EYE:CONJUNCTIVITIS;SKN:MAY SOFTEN ON PROLNG
CONT.INHL:LETHARGY,EDEMA,PNEUMON:INGEST:LD50 SEE SUPPL

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First Aid Measures
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First Aid:EYE:FLUSH W/WATER 15 MIN.CALL PHYS.SKIN:REMOVE CLOTHG WASH
SKIN W/WATER,INHL:REMOVE TO FRESH AIR.GIVE ART RESP,O*2 IF
REQ'D.INGEST:INDUCE VOMIT IF CONSCIOUS.CALL PHYSICIAN IN ALL CASES.

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Fire Fighting Measures
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sh Point Method:TCC

Flash Point:=111.1C, 232.F

Lower Limits:3.2

Upper Limits:15.3

Extinguishing Media:SMALL FIRE:CO*2, DRY CHEM;LARGE:FOAM, WATER SPRAY

Fire Fighting Procedures:USE SCBA&PERS PROTEC EQPT IF EXP TO VAPOR-COMB PRODUCTS POSS

Unusual Fire/Explosion Hazard:FOAM OR WATER CAN CAUSE FROTHING

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES;REMOVE LEAKERS TO VENT AREA.DIKE SPILL AREA & APPLY FOAM IF FIRE POSS

.CLEANUP: FLUSH

AREA W/MINIMUM WATER,OR USE ABSORBENT.DO NOT ALLOW DRAINAGE TO GROUND OR SURFACE WATERS. FOLLOW ALL LOCAL,STATE,FED REGS.

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

Handling and Storage Precautions:AVOID FLAMES.KEEP CONTAINERS CLOSED.AVOID IHL VAPOR-MIST. AVOID CONTACT W/SKN,EYE,CLOTHING.

Other Precautions:WASH THOROUGHLY SOAP-WATER AFTER HANDLING. WASH CONTAM CLOTHING BEFOR REUSE.DISCARD CONTAM LEATHER CLOTHING.

===== Exposure

Controls/Personal Protection =====

Respiratory Protection:USE SCBA ABOVE TLV.USE CCRFOV OR HIEF RESP FOR AEROSOL-MISTS-VAPORS

Ventilation:LOCAL EXH WHERE APPROPRIATE

Protective Gloves:NEOPRENE,RUBBER

Eye Protection:CHEM SAFETY GOGGLES

Other Protective Equipment:FOR SPILL-SPLASH SITUATIONS USE IMPERV BODY COVER & BOOTS.

Supplemental Safety and Health

UPDATE PER MSDS (OSHA) DTD 25NOV1985.EFFECTS:LD50 1.69/KG.MENTAL LETHARGY POSS DEATH.

===== Physical/Chemical

Properties =====

HCC:V5

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=197.2C, 387.F

Vapor Pres: .05

Vapor Density:2.2

Spec Gravity:1.1155

Evaporation Rate & Reference:NIL

Solubility in Water:COMPLETE

Appearance and Odor:CLR,COLORLESS,MOBILE,SYRUPY LIQ W/FAINT ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

DEHYDRATING AGTS;STRONG OXIDANTS;ACETIC ANHYDRIDE

Stability Condition to Av

oid:FLAME

Hazardous Decomposition Products:CARBON MONOXIDE

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

Waste Disposal Methods:SPILLAGE IS RCRA NON-HAZ SOLID WASTE. INCINERATE OR BIOLOGICALLY TREAT IAW LOCAL,STATE, FED REGS. AND IN APPROVED TREATMENT FACILITIES.

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