

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

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

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:622

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=== 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

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

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

===== 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

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

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.

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

Flas

h 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 P
roperties =====

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 Avo

id: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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