

DOW CORNING CORP -- 30478 ETHYLENE GLYCOL (REGULAR) -- 6810-00-006-4205

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Product Identification  
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Product ID:30478 ETHYLENE GLYCOL (REGULAR)

MSDS Date:06/18/1996

FSC:6810

NIIN:00-006-4205

MSDS Number: BCVBM

=== Responsible Party ===

Company Name:DOW CORNING CORP

Address:3901 SOUTH SAGINAW ROAD

Box:997

City:MIDLAND

State:MI

ZIP:48686

Country:US

Info Phone Num:517-496-6000/800-258-2436

Eme

rgency Phone Num:517-636-4400

CAGE:5D028

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

CAGE:4N760

Company Name:DOW CHEMICAL CO

Address:100 LARKIN CENTER

Box:City:MIDLAND

State:MI

ZIP:48674

Country:US

Phone:800-258-2436

CAGE:96717

Company Name:DOW CORNING CORP

Address:3901 S SAGINAW RD

Box:997

City:MIDLAND

State:MI

ZIP:48686-0997

Country:US

Phone:517-496-6000/51

7-496-6315  
CAGE:5D028  
Company Name:HOC INDUSTRIES, INC  
Address:3511 N. OHIO  
Box:2609  
City:WICHITA  
State:KS  
ZIP:67219  
Country:US  
Phone:316-838-4663  
CAGE:0A9L8

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Composition/Information on Ingredients  
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Ingred Name:ETHYLENE GLYCOL (SARA 313) (CERCLA)  
CAS:107-21-1  
RTECS #:KW2975000  
Fraction by Wt: >99%  
Other REC Limits:NONE RECOMMENDED  
ACGIH TLV:C STEL39PPM,A4,VAP96  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

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Hazards Identification  
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D50 LC50 Mixture:ORAL LD50 RATS :BETWEEN 6000-13000MG/KG.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE:MAY CAUSE SLIGHT  
TRANS(TEMP)IRRIT.CORNEAL INJURY UNLIKELY.VAP/MIST MAY CAUSE  
IRRIT.SKIN:ESSENTIALLY NONIRRIT.REP EXPO TO LG QUANT MAY RESULT IN  
ABSORPTION OF HARMFUL AMTS.MASSIVE CONTACT W/DMG SKI N/SUFFI HOT TO  
BURN MAY RESULT IN ABSORPTION OR POT LETHAL AMTS.INGEST:SINGLE DOSE  
ORAL TOXI CONSIDERED MODERATE(SUPPLE)  
Explanation of Carcinogenicity:PER MSDS:CAN INFO:ETHYLENE GLYCOL DIN'T  
CAUSE CAN IN LONTERM ANIMAL STUDIES.  
Effects of Overexposure:SYSTEMIC EFFECTS:EXCESSIVE EXPO MAY CAUSE IRRIT  
TO UPPER RESP TRACT.OBSERVATIONS IN ANIMALS INCLUDE KIDNEY/LIVER  
EFFECTS,DEPOSITION OF CALCIUM SLATS IN VAR TISSUES AFT ONG-TERM  
DIETARY INTAKE OF EHTYL ENE GLYCOL.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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st Aid Measures =====

First Aid:EYE:FLUSH W/LOTS OF WATER.SKIN:WASH OFF IN FLOWING WATER.INGEST:INDUCE VOMIT IMMED PER MED PERSON.NEVER GIVE ANYTHING BY MOUTH IF UNCONSC.CONSULT MED PERSON.INHAL:REMOVE TO FRESH AIR.CONSULT DR.DR:EAR LY ADMIN OF ETHANOL MAY COUNTER TOXIC EFFECTS OF ETHYLENE GLYCOL-METABOLIC ACIDOSIS/RENAL DMG.HEMODIALYSIS/PERITONEAL DIALYSIS HAVE BEEN OF BENEFIT.SUPP CARE.TREAT BASED ON DR JUDGEMT/VICT RXS.

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

Flash Point Method:SCC  
Flash Point:247F,119C  
Autoignition Temp:Autoignition Temp Text:748F  
Lower Limits:3.2  
Upper Limits:N/DETERMINED  
Extinguishing Media:WATER FOG,FINE SPRAY,CO2,DRY CHEM,FOAM.ALCOHOL RESIST FOAMS(ATC TYPE)PREF.GEN PURP SYN FOAMS/PORTEIN LESS EFFECTIVE.  
Fire Fighting Procedures:DON'T USE DIRECT H2OSTREAM-SPREAD FIRE.KEEP PEOPLE AWAY.ISOLATE/DENY ENTRY.MOVE BURN LIQ BY FLUSH W/H2O-PROT PEOPLE/MIN PROP DMG.EXT BURN LIQ W/DI L H2O.SCBA/ETC  
Unusual Fire/Explosion Hazard:VIL STEAM GEN/ERUPT MAY OCCUR UPON APPLICATION OF DIRECT WATER STREAM.FLAMM VAP CONCEN CAN ACCUMULATE @TEMP >247F.SPILLS ON HOT FIBROUS INSULATION LOWER (SUPPL)

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

Spill Release Procedures:CLEAR NON-EMERG PERSON.CONTAIN MATL TO PREVENT SOIL/SURFACE WATER/GROUND WATER CONTAMIN.SM:ABSORB W/MATL(CAT LITTER,SAND,SAWDUST,VERMI,ZORB-ALL(R),HAZORB(R)).LG:DIKE/PUMP INTO SUI TABLE/PROPERLY LAB CN TNR.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:PROD ACCUMMULATION ON SURFACE CAN CAUSE SLIPPERY CONDITIONS WHEN WET.KEEP OUT OF REACH OF CHILDREN.BECOME SOLID @