

ASHLAND CHEMICAL CO. -- ETHYLENE GLYCOL -- 6810-00-006-4206

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Product Identification
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Product ID:ETHYLENE GLYCOL

MSDS Date:05/31/1989

FSC:6810

NIIN:00-006-4206

MSDS Number: BCVBP

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL CO.

Address:5200 PAUL BLAZEL MEMORIAL PARKWAY

Box:2219

City:COLUMBUS

State:OH

ZIP:43216

Country:US

Info Phone Num:614-790-3333

Emergency Phone Num:800-274-5263

Preparer's Name:NOT PROVIDED

CAGE:5A188

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO

Address:5200 PAUL BLAZEL MEMORIAL PARKWAY

Box:City:DUBLIN

State:OH

ZIP:43017

Country:US

Phone:614-889-4505

CAGE:5A188

Company Name:DIXCO DIVERSIFIED

Address:847 S EAST STREET

Box:City:ANAHEIM

State:CA

ZIP:92805

Country:US

Phone:714-535-0646

CAGE:0FJJ3

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Composition/Information on Ingredients
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Ingred Name:ETHYLENE GLYCOL (SARA III)

CAS:107-21-1

RTECS #:KW29

75000
Fraction by Wt: 100%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 50 PPM
ACGIH TLV:C 50 PPM,VAPOR; 9293
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:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYE, SKIN, RESPIRATORY AND
GASTROINTESTINAL IRRITATION. CHRONIC: LIVER ABNORMALITIES, KIDNEY
DAMAGE, CENTRAL NERVOUS SYSTEM EFFEC
TS.
Explanation of Carcinogenicity:ETHYLENE GLYCOL MAY CAUSE BIRTH DEFECTS.
Effects of Overexposure:EYES, SKIN, RESPIRATORY AND GASTROINTESTINAL
IRRITATION.
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH A HISTORY OF
RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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First Aid Measures
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First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SEE
DOCTOR. SKIN: WASH WITH SOAP AND WATER WHILE REMOVING CONTAM
INATED
CLOTHING. INHALATION: REMOVE VICTIM TO FRESH AIR. GIVE OXYGEN/CPR
IF NE EDED. SEE DOCTOR. INGESTION: DRINK 2 GLASSES OF WATER. DO NOT
INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS. SEE DOCTOR
IMMEDIATELY.

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Fire Fighting Measures
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Flash Point Method:TCC
Flash Point:=111.1C, 232.F
Autoignition Temp:=412.8C, 775.F
Lower Limits:3.2
Upper Limits:15.3
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, OR DRY CHEMICAL.
WATER OR

FOAM MAY CAUSE FROTHING.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:ARCS AND SPARKS CAN IGNITE PRODUCT EXPLOSIVELY. COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR

ABSORBENT, OR OTHER ABSORBENT MATERIAL AND TRANSFER TO HOOD. ALLOW VOLATILE PORTION TO EVAPORATE IN HOOD. ALLOW SUFFICIENT TIME FOR VAPORS TO CLEAR HOOD DUCT WORK.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE, HEAT, IGNITION SOURCES AND INCOMPATIBLE MATERIALS. KEEP CONTAINERS CLOSED.

Other Precautions:AVOID EYE AND SKIN CONTACT. DO NOT BREATHE VAPORS. DO NOT INGEST!

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

Respiratory Protection:NONE NORMALLY REQUIRED WITH ADEQUATE VENTILATION. NIOSH/MSHA-APPROVED RESPIRATOR OR SCBA AS APPROPRIATE FOR EXPOSURE OF CONCERN.

Ventilation:MECHANICAL (GENERAL) VENTILATION OR LOCAL EXHAUST VENTILATION TO KEEP EXPOSURE LEVELS BELOW PEL.

Protective Gloves:NITRILE OR RUBBER GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE

EXPOSURE FROM PROLONGED OR REPEATED CONTACT. EYE BATH AND SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health
NONE.

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

HCC:V5

NRC/State Lic Num:NOT RELEVANT

Boiling Pt.=192.8C, 379.F

Vapor Pres: