

OCCIDENTAL CHEMICAL CORPORATION -- GLYCOL ETHER EE ACETATE -- 6810-00-263-0563

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

Product ID:GLYCOL ETHER EE ACETATE

MSDS Date:09/17/1993

FSC:6810

NIIN:00-263-0563

MSDS Number: BSFNN

=== Responsible Party ===

Company Name:OCCIDENTAL CHEMICAL CORPORATION

Address:CUSTOMER SERVICE, OCCIDENTAL TOWER

Box:809050

City:DALLAS

State:TX

ZIP:75380

Country:US

Info Phone Num:214

-404-3523/716-286-3081

Emergency Phone Num:800-733-3665/716-278-7021

CAGE:0AH54

=== 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:OCCIDENTAL CHEMICAL CORPORATION

Address:5005 LYNDON B JOHNSON FWY

Box:City:DALLAS

State:TX

ZIP:75244-6198

Country:US

Phone:800-752-5151/972-404-3800

CAGE:0AH54

===== Composition/Information on Ingredient

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Ingred Name:2-ETHOXYETHYL ACETATE (EGEEA)/ETHANOL,2-ETHOXY,ACETAATE
(ETHYLENE GLYCOL MONOETHYL ETHER ACETATE)

CAS:111-15-9

RTECS #:KK8225000

Fraction by Wt: 99-99.9%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 100 PPM

ACGIH TLV:S, 5 PPM; 9596

Ingred Name:2-ETHOXYETHANOL (SARA 313) (CERCLA)

CAS:110-80-5

RTECS #:KK8050000

Fraction by Wt: 0 - 0.9%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 200 PPM

ACGIH TLV:S, 5 PPM; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred

Name:ACETIC ACID (CERCLA)

CAS:64-19-7

RTECS #:AF1225000

Fraction by Wt: 0- 0.02%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 PPM

ACGIH TLV:10 PPM/15 STEL; 9596

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 3,800 MG/KG.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, LIVER,

KIDNEY, CNS, BLOOD. ACUTE- MAY CAUSE EYE/SKIN IRRITATION. CAN BE
ABSORBED THROUGH SKIN. INHALATION MAY CAUSE IRRITATION, LIVER &
KIDNEY DAMAGE, CNS & BLOOD DISORDERS. I NGESTION MAY CAUSE CNS
DEPRESSION, LIVER & KIDNEY DAMAGE. CHRONIC- DERMATITIS, INJURY TO
LIVER, KIDNEY, BLOOD, TESTES.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, HEADACHE, DROWSINESS, WEAKNESS,
BLURRED VISION, DIZZINESS, NAUSEA, VOMITING, DIARRHEA, DERMATITIS,
TEARING

Medic

al Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, LIVER, KIDNEYS, BONE MARROW, BLOOD CELLS, CNS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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First Aid Measures
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First Aid:CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CP R/OXYGEN IF NEEDED.

ORAL:IF CONSCIOUS, DRINK WATER & INDUCE VOMITING. CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE FLUID OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAS CONVULSIONS.

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Fire Fighting Measures
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Flash Point Method:TCC

Flash Point:125F,52C

Autoignition Temp:Autoignition Temp Text:715F

Lower Limits:1.24%

Upper Limits:12.7%

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

. COOL FIRE EXPOSED CONTAINER WITH WATER SPRAY.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:COMBUSTIBLE LIQUID. COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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Accidental Release Measures
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Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES

OF IGNITION. VENTILATE AREA. CONTAIN AND PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH, VERMICULITE. GROUND ALL HANDLING EQUIPMENTS. PREVENT LIQUID FROM ENTERING SEWERS OR WATERWAYS.

Neutralizing Agent:NOT RELEVANT

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Handling and Storage
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Handling and Storage Precautions:STORE IN COOL, VENTILATED AREA, AWAY FROM FLAMES, SPARKS, HOT SURFACES & INCOMPATIBLE MATERIALS. KEEP CONTAINER TIGHTLY CLOSED.

Other Precaut

ions:EMPTY CONTAINERS MAY RETAIN RESIDUE. DO NOT CUT,
WELD, SOLDER, DRILL OR EXPOSE SUCH CONTAINERS TO FLAME, SPARKS OR
OTHER SOURCES OF IGNITION. WASH THOROUGHLY AFTER HANDLING. AVOID
BREATHING VAPORS. DO NOT INGEST. AVOID EYE/SKIN CONTACT.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF TLV IS EXCEEDED OR
FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR
RESPIRATOR OR AIR-PURIFYING RESPI
RATOR. IN EMERGENCY, WEAR A
NIOSH-APPROVED POSITIVE-PRES SURE SELF-CONTAINED BREATHING
APPARATUS.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF)
VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:PVC OR BUTYL RUBBER

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER AND
IMPERVIOUS CLOTHING

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDU

RES. WASH THOROUGHLY BEFORE EATING,
DRINKING/SMOKING.

Supplemental Safety and Health

DO NOT CONSUME FOOD, DRINK, OR TOBACCO IN AREA WHERE THEY MAY BECOME
CONTAMINATED WITH THIS MATERIAL.

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

HCC:F4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:313F,156C

Melt/Freeze Pt:M.P/F.P Text:-80F,-62C

Vapor Pres:1.2 @ 68F

Vapor Density:4.72

Spec Gravity:0.975

pH:4 - 5

Evaporation Rate & Reference:0.21 (N-BUTYL ACETATE=1)

S

olubility in Water:SOLUBLE (22.2% @73F)

Appearance and Odor:COLORLESS LIQUID WITH MILD ESTER ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, ACIDS AND BASES

Stability Condition to Avoid:HIGH HEAT, SPARKS, OPEN FLAMES AND OTHER
SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE

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

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Waste Disposal Methods: DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. INCINERATE IN FURNACE WHERE PERMITTED. KEEP OUT OF DRAINS, SEWERS OR WATERWAYS. DISCARDED PRODUCT IS A RCRA HAZARDOUS WASTE (IGNITABLE, D001).

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