

OCCIDENTAL CHEMICAL CORPORATION -- GLYCOL ETHER DM -- 6850-01-377-5074

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

Product ID:GLYCOL ETHER DM

MSDS Date:11/06/1995

FSC:6850

NIIN:01-377-5074

MSDS Number: BZNMR

=== 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:214-404-3523/716-2

86-3081

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

CAGE:0AH54

=== Contractor Identification ===

Company Name:JEM SALES INC INCHEMCO DIV

Address:430 LAVENDER DR

Box:City:ROME

State:GA

ZIP:30165-2262

Country:US

Phone:706-232-1709

CAGE:0AZD7

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 Ingredients =====

Ingred Name:

DIETHYLENE GLYCOL MONOMETHYL ETHER

CAS:111-77-3

RTECS #:KL6125000

Fraction by Wt: 99-100%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ETHYLENE GLYCOL (SARA 313) (CERCLA)

CAS:107-21-1

RTECS #:KW2975000

Fraction by Wt: 0-0.50%

Other REC Limits:NONE RECOMMENDED

ACGIH TLV:C 50 PPM,VAPOR; 9495

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:2-METHOXYETHANOL (METHYL CELLOSOLVE) (SARA 313)

CAS:109-86-4

RTECS #:KL5775000

Fraction by Wt: 0-0.50%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 25 PPM

ACGI

H TLV:S, 5 PPM; 9495

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA 313) (CERCLA)

CAS:67-56-1

RTECS #:PC1400000

Fraction by Wt: 0-0.10%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 200 PPM

ACGIH TLV:S,200PPM/250STEL; 95

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ACETIC ACID (CERCLA)

CAS:64-19-7

RTECS #:AF1225000

Fraction by Wt: 0-0.10%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 PPM

ACGIH TLV:10 PPM/15 STEL; 9495

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

===== Haza

Product Identification =====

LD50 LC50 Mixture:LD50 (ORAL RAT) = 2.46 GM/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE-INHALATION:HIGH CONCENTRATION  
CAN RESULT IN PROGRESSION OF SYMPTOMS. EYES:MAY BE IRRITATING &  
CAUSE REVERSABLE INJURY. SKIN:MAY BE ABSORBED IN TOXIC AMOUNTS.  
INGESTION:MAY CAUSE CNS DEPRESSION & G/I, LIVER OR KIDNEY DAMAGE.  
CHRONIC-TOXIC AMOUNT

AS ABSORBED THRU SKIN/LUNGS (HIGH TEMP MIST).  
LIVER & KIDNEY DAMAGE.

Explanation of Carcinogenicity:NOT KNOWN TO BE CARCINOGENIC.

Effects of Overexposure:MSDS REFERRED TO TOXICOLOGICAL SECTION FOR  
SYMPTOMS. THAT SECTION DID NOT LIST SYMPTOMS! DLA-HMIS PICKED  
SYMPTOMS FROM HEALTH HAZARDS. INHALATION:PROGRESSION OF SYMPTOMS.  
EYES:IRRITATION, REVERSABLE INJURY. SKIN:ABSORBED THROUGH SKIN.  
INGESTION:CNS DEPRESSION & G/I, LIVER OR KIDNEY DAMAGE.

Medical Condition Aggravated by Exposure

:PRE-EXISTING DISORDERS AFFECTING  
TARGET ORGANS. PRE-EXISTING KIDNEY DISORDERS.

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

First Aid:IF ANY IRRITATION PERSISTS OR SEVERE, GET MEDICAL ATTENTION.  
EYE:FLUSH W/WATER FOR 15 MIN. SKIN:WASH W/SOAP & WATER. REMOVE  
CONTAMINATED CLOTHING & LAUNDRY BEFORE REUSE. INHALED:REMOVE FROM  
CONTAMINATED AREA. AID OR RESTORE BREATHING AS NEEDED.  
INGESTED:NOTHING BY MOUTH IF UNCONSCIOUS. GIVE SEVERAL GLASSES OF  
WATER & INDUCE VOMITING BY TOUCHING BACK OF THROAT W/FINGER. GET  
IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:192F,89C

Lower Limits:1.2

Upper Limits:22.0

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, FOAM, WATER FOG OR  
SPRAY. WATER MAY BE INEFFECTIVE, USE IT TO COOL FIRE EXPOSED  
CONTAINERS

Fire Fighting Procedures:KEEP UNAUTHORIZED PERSONNEL REMOVED & UP WIND.  
WEAR NIOSH/MSHA APPROVED POSITIVE

PRESSURE SELF-CONTAINED BREATHING  
APPARATUS & FULL PROTECTIVE CLOTHING.  
Unusual Fire/Explosion Hazard:MFR GAVE NO INFORMATION OF MSDS.

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

Spill Release Procedures:CONTAIN SPILL W/DIKE TO PREVENT ENTRY INTO  
SEWERS OR WATERWAYS. RECOVER LIQUID FOR REUSE OR RECLAMATION.  
RECOVER SPILLED MATERIAL W/ABSORBENT & PLACE IN APPROVED CONTAINERS  
FOR DISPOSAL. DO NOT FLUSH TOI SEWERS.

Neutralizing Agent:MFR GAVE NO INFORMATIO  
N OF MSDS.

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

Handling and Storage Precautions:STORE IN A COOL VENTILATED AREA AWAY  
FROM INCOMPATIBLE MATERIALS. KEEP TIGHTLY CLOSED & PROPERLY  
LABELED. GROUND/BOND ALL EQUIPMENT.

Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE & CAN IGNITE  
EXPLOSIVELY. DO NOT CUT, DRILL, OR WELD ON OR NEAR FULL OR EMPTY  
CONTAINERS. AVOID BREATHING VAPORS/MIST. DO NOT GET IN EYES, ON  
SKIN/CLOTHING. DO NOT EA T, DRINK OR SM  
OKE WHERE MATERIAL IS USED

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

Respiratory Protection:FOR EMERGENCIES & UNKNOWN CONCENTRATIONS USE  
NIOSH/MSHA POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS.  
UTILIZE RESPIRATORY PROTECTIVE EQUIPMENT I/A/W 29CFR1910.134. WEAR  
NIOSH/MSHA RESPIRATOR F OLLOWING MANUFACTURER'S RECOMMENDATIONS.

Ventilation:WHERE ENGINEERING CONTROLS ARE NOT FEASIBLE, USE ADEQUATE  
LOCAL EXHAUST VENTILATION WHERE MIST, SPRAY OR VAPOR  
IS FOUND.

Protective Gloves:CHEMICAL RESISTANT GLOVES

Eye Protection:CHEMICAL SAFETY GOGLES (ANSI Z87.1)

Other Protective Equipment:AN EYEWASH FOUNTAIN & SAFETY SHOWER SHOULD  
BE NEARBY & READY FOR USE. (ANSIZ358.1)

Work Hygienic Practices:AVOID BREATHING VAPOR/MIST. WASH THOROUGHLY  
AFTER HANDLING. LKEEP AWAY FROM SOURCES OF IGNITION. KEEP CONTAINER  
CLOSED.

Supplemental Safety and Health

AVOID OPEN AGITATION OR HEATING.

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

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HCC:V4

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:379F,193C

Vapor Pres:0.2 MM

Vapor Density:4.1

Spec Gravity:1.023

pH:5-8.5

Evaporation Rate & Reference:0.015, NO REFERENCE GIVEN

Solubility in Water:MISCIBLE

Appearance and Odor:CLEAR COLORLESS LIQUID, MILD PLEASANT ODOR

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

Stability Indicator/Materials to Avoid:YES

OXIDIZERSS, ACIDS, ALKALIS

Stability Condition to Avoid:MAY FORM PEROXIDES IF IN CONTACT W/AIR FOR

L

ONG PERIODS & THESE CAN EXPLODE SPONTANEOUSLY OR WHEN HEATED.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:MATERIAL THAT CANNOT BE REUSED OR CHEMICALLY REPROCESSED SHOULD BE DISPOSED OF IN A MANNER MEETING GOVERNMENT REGULATIONS.

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