

OCCIDENTAL CHEMICAL CO DIV OCCIDENTAL PETROLEUM -- GLYCOL ETHER DM (DIETHYLENE GLYCOL MONOMETHYL ETHER) -- 6850-01-377-5074

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

Product ID:GLYCOL ETHER DM (DIETHYLENE GLYCOL MONOMETHYL ETHER)

MSDS Date:11/06/1995

FSC:6850

NIIN:01-377-5074

MSDS Number: BYYTP

=== Responsible Party ===

Company Name:OCCIDENTAL CHEMICAL CO DIV OCCIDENTAL PETROLEUM

Address:CUSTOMER SERVIC

E, OCCIDENTAL TOWER

Box:809050

City:DALLAS

State:TX

ZIP:75380

Country:US

Info Phone Num:800-752-5151

Emergency Phone Num:800-733-3665 OR 214-404-3800

CAGE:4R332

=== Contractor Identification ===

Company Name:JEM SALES INC, INCHEMCO DIV.

Box:UNKNOW

CAGE:0A207

Company Name:OCCIDENTAL CHEMICAL CO DIV OCCIDENTAL PETROLEUM

Address:CUSTOMER SERVICE, OCCIDENTAL TOWER

Box:809050

City:DALLAS

State:TX

ZIP:75380

Country:US

Phone:716-278-7021

CAGE:4R332

===== Composition/Information on Ingredients

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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

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

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 25 PPM

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

CAS:67-56-1

RTECS #:PC1400000

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

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

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

LD50 LC50 Mixture:ACUTE

ORAL LD50 (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:COMBUSTIBLE LIQUID. MAY IRRITATE EYES & SKIN. VAPOR & MIST MAY CAUSE CNS DEPRESSION, RESPIRATORY, G/I TRACT, LIVER & KIDNEY INJURY. AT HIGH DOSE, ANIMAL ORAL & DERMAL STUDIES INDICATE MATERIAL CAUSES ADVERSE REPRODUCTIVE EFFECTS. CHRONIC-PROLONGED EXPOSURE MAY CAUSE LIVER & KIDNEY DAMAGE.

Explanation of Carcino

genicity:NOT KNOWN TO BE CARCINOGENIC.

Effects of Overexposure:EYE:MAY BE IRRITATING. SKIN:MAY BE ABSORBED IN TOXIC AMOUNTS, SEE INGESTION. INHALATION:ANIMAL TESTS SHOWED A NARCOTIC EFFECT, LUNG EDEMA, LIVER INJURY & HEMATURIA.

INGESTION:MAY CAUSE CNS DEPRESSION, G/I TRACT, LIVER & KIDNEY DAMAGE.

Medical Cond Aggravated by Exposure:PRE-EXISTING DISORDERS AFFECTING TARGET ORGANS, PRE-EXISTING KIDNEY DISORDERS.

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

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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 & LAUNDER BEFORE REUSE. INHALED:REMOVE FROM
CONTAMINATED AREA. AID OR RESTORE BREATHING AS NEEDED.
INGESTED:NOTHING BY MOUTH IF UNCONSCIOUS. HAVE VICTIM DRINK SEVERAL
GLASSES OF WATER & INDUCE VOMITING. KEEP AIRWAY CLEAR. GET
IMMEDIATE MEDICAL ATTENTION.

===== Fire Fighting Measures =====
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Flash Point Method:TCC
Flash Point:192F,89C
Lower Limits:1.2
Upper Limits:22.0
Extinguishing Media:USE WATER FOG OR SPRAY, FOAM, CARBON DIOXIDE OR DRY
CHEMICAL. WATER MAY BE INEFFECTIVE, USE IT TO COOL CONTAINERS.
Fire Fighting Procedures:KEEP UNAUTHORIZED PERSONNEL AWAY & UP WIND.
WEAR SIOSH/MSHA APPROVED POSITIVE PRESSURE SELF-CONTAINED BREATHING
APPARATUS & FULL PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard:MFR GAVE NO INFORMATION ON MSDS.

===== Ac
cidental Release Measures =====

Spill Release Procedures:USE PERSONAL PROTECTIVE EQUIPMENT. 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 TO SEWERS.
Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

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

Handling and Storage Precautions:STORE IN A
COOL VENTILATED AREA AWAY
FROM INCOMPATIBLE MATERIALS. KEEP CLOSED WHEN NOT IN USE. GROUND &
BOND EQUIPMENT WHEN TRANSFERRING LIQUID.
Other Precautions:AVOID BREATHING VAPORS/MIST. WASH THOROUGHLY AFTER
HANDLING. DO NOT GET IN EYES, ON SKIN OR CLOTHING. KEEP AWAY FROM
ALL SOURCES OF IGNITION. AVOID OPEN HEATING. AVOID CONTACT
W/OXIDIZERS, ACIDS, ALKALIS. KEEP CONTAINER PROPERLY LABELED.

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

Respiratory Protect

ion:FOR EMERGENCIES USE NIOSH/MSHA APPROVED POSITIVE
PRESSURE SELF-CONTAINED BREATHING APPARATUS. UTILIZE RESPIRATORY
PROTECTIVE EQUIPMENT I/A/W 29CFR1910.134.

Ventilation:WHERE ENGINEERING CONTROLS ARE NOT FEASABLE, USE LOCAL
EXHAUST WHEREVER MEST, SPRAY OR VAPOR MAY BE GENERATED.

Protective Gloves:CHEMICAL RESISTANT, I.E. RUBBER, VINYL

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:EMERGENCY SHOWER & EYEWASH IN CLOSE
PROXIMITY.

Work Hygienic Practices:DO NOT
EAT, DRINK, OR SMOKE IN AREAS WHERE THIS
PRODUCT IS USED.

Supplemental Safety and Health
CONTAINERS (EVEN EMPTY)RETAIN PRODUCE & SHOULD BE HANDLED AS IF FULL.

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

HCC:V4

NRC/State Lic Num:NONE

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

Melt/Freeze Pt:M.P/F.P Text: