

ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC -- GLYCOL ETHER DM -- 6850-01-377-5075

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Product Identification  
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Product ID:GLYCOL ETHER DM

MSDS Date:01/06/1996

FSC:6850

NIIN:01-377-5075

MSDS Number: CFCXR

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

Address:3849 FISHER RD

Box:2219

City:COLUMBUS

State:OH

ZIP:43228

Country:US

Info Phone Num:614-790-3333

Eme

rgency Phone Num:800-274-5263

CAGE:7L600

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

Address:3849 FISHER RD

Box:2219

City:COLUMBUS

State:OH

ZIP:43216

Country:US

Phone:614-790-3333 / 800-325-3751

CAGE:7L600

Company Name:ROTH MANUFACTURING CO.

Box:700146

City:SAN ANTONIO

State:TX

ZIP:78270

Country:US

Phone:210-598-7064

CAGE:08YV6

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Composition/Information on Ingredients  
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Ingred Name:DIETHYLENE GLYCOL MONOMETHYL ETHER

CAS:11

1-77-3  
RTECS #:KL6125000  
Fraction by Wt: 100%

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:PRODUCT IS IRRITATING TO BODY TISSUES.  
IT PRODUCES CNS EFFECTS IF INHALED BUT IS ONLY SLIGHTLY TOXIC IF  
INGESTED. CHRONIC EFFECTS (ANIMAL) INCLUDE FETAL TOXICITY, BIRTH  
DEFECTS, LIVER DAMAGE, KIDNEY D AMAGE, TESTICULAR DAMAGE.  
Exp  
lanation of Carcinogenicity:PRODUCT IS NOT LISTED AS A CARCINOGEN BY  
IARC, NTP, OR OSHA.  
Effects of Overexposure:EYES: IRRITATION,REDNESS,TEARING. SKIN: SLIGHT  
IRRITATION. INHALATION:NASAL & RESPIRATORY IRRITATION, DIZZINESS,  
WEAKNESS, FATIGUE, NAUSEA, HEADACHE. INGESTION: GASTROINTESTINAL  
IRRITATION,NAUSEA, SIM ILAT SYMPTOMS AS INHALED.  
Medical Cond Aggravated by Exposure:NO INFORMATION GIVEN ON MSDS BY  
SUPPLIER

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===== First Aid Measures =====  
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First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:REMOVE  
CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. WASH WITH SOAP &  
WATER. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING AS NEEDED.  
INGESTED:IMMEDIA TELY GIVE 2 LARGE GLASSES OF MILK OR WATER AND  
INDUCE VOMITING. (NOTHING BY MOUTH IF UNCONSCIOUS.) GET IMMEDIATE  
MEDICAL CARE. IF ANY IRRITATION PERSISTS OR IS SEVERE, SEE A  
DOCTOR.

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===== Fire Fighting Measures =====  
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Flas  
h Point Method:SCC  
Flash Point:197F,92C  
Lower Limits:1.4  
Upper Limits:22.7  
Extinguishing Media:ALCOHOL FOAM, CO2, DRY CHEM.  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. WATER MAY BE  
USED TO COOL CONTAINERS AND DILUTE LIQUID.  
Unusual Fire/Explosion Hazard:USE CAUTION AROUND EMPTY CONTAINERS. DO  
NOT WELD, CUT ETC. THEM. VAPORS HEAVIER THAN AIR, CAN TRAVEL A LONG  
DISTANCE ALONG GROUND AND FLASHBACK.

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

Spill Release Procedures: ABSORB LIQUID ON VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL AND TRANSFER TO HOOD.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE, ALL HAZARD PRECAUTIONS MUST BE MET.

Other Precautions: ALL 5 GALLON PAILS AND LARGER METAL CONTAINERS INCLUDING TANK CARS & TRUCKS SHOULD BE GROUNDED/BONDED WHEN MATERIAL IS TRANSFERRED.

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

Respiratory Protection: RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR SCBA IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.

Ventilation: PROVIDE SUFFICIENT VENTILATION TO MAINTAIN EXPOSURE BELOW PEL/TLV. SUPPLEMENT WITH LOCAL EXHAUST IF NEEDED.

Protective Gloves: NITRILE RUBBER

Eye Protection: CHEM SPLASH GOGGLES

Other Protective Equipment: IMPERVIOUS CLOTHING & BOOTS AS NEEDED TO

PREVENT SKIN CONTACT. HMIS: EYE WASH STATION AND SAFETY SHOWER,

Work Hygienic Practices: HMIS: USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and Health

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

HCC: V4

Boiling Pt: B.P. Text: 378F, 192C

Vapor Pres: 100 MM

Vapor Density: 4.1

Spec Gravity: 1.021

Evaporation Rate & Reference: 0.02 (N-BUTYL ACETATE=1)

Appearance and Odor: LIQUID.

Percent Volatiles by Volume: 100

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid: NO INFORMATION GIVEN ON MSDS BY SUPPLIER.

HMIS: IGNITION SOURCES.

Hazardous Decomposition Pr

Products: NO INFORMATION GIVEN ON MSDS BY  
SUPPLIER

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND  
FEDERAL ENVIRONMENTAL REGULATIONS.

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