

GLYCOL ETHER EM

MSDS Number

BNBPZ

National Stock Number

6850-00-082-2522

Product Name

GLYCOL ETHER EM

Manufacturer

ICI AMERICAS INC (FILM DIV)

Product Identification

Product ID:GLYCOL ETHER EM

MSDS Date:10/31/1986

FSC:6850

NIIN:00-082-2522

MSDS Number: BNBPZ

Responsible Party

ICI AMERICAS INC. (FILM DIVISION)

NEW MURPHY ROAD AND CONCORD PIKE

WILMINGTON , DE 19897

US

Emergency Phone: 302-575-3000

Info Phone: 302-575-3000

Cage: 1AT55

Contractor

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302-575-3000

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Ingredients

2-METHOXYETHANOL (EGME) (SARA III)

CAS: 109-86-4

RTECS: KL5775000

Fraction By Weight: >95.0%

OSHA PELS, 25 PPM

ACGIH TLV: S, 5 PPM; 9192

Hazards

LD50 LC50 Mixture:LD50.RAT=2460 MG/KG:LD50 RAB,DER=2.0G/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:MILD IRRITATION OF EYES,SKIN, RESPIRATORY TRACT. PRODUCT IS MILDLY TOXIC AND MAY BE ABSORBED THROUGH SKIN AS WELL AS INHALED OR INGESTED. TOXIC EFFECTS ARE DIZZINESS, HEADACHE, BLURRED VISION, TREMORS, ANEMIA. CHRONIC EXPOSURE MAY PRODUCE THE TOXIC EFFECTS PLUS FETAL AND REPRODUCTIVE EFFECTS. SEE SUPP DATA.

Explanation of Carcinogenicity:NOT RELAVENT
Effects of Overexposure:EYE,MUCOUS MEMBRANE IRRITATION.
SKIN:IRRITATION, DRYING PLUS ABSORPTION PRODUCING SYMNOTOMS SIMILAR
TO INHALED. INHALED: CENTRAL NERVOUS SYSTEM DEPRESSION, DIZZINESS,
HEADACHE, BLURRED VISION, ANEMIA, ETC. INGESTED: TOXIC EFFECTS AS
ABOVE.
Medical Cond Aggravated by Exposure:NO INFORMATION GIVEN ON MSDS BY
SUPPLIER

First Aid

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:REMOVE
CONTAMINATED CLOTHING AND LAUNDER 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.

Fire Fighting

Flash Point Method:CC
Flash Point:107F/41.7C
Autoignition Temp:Autoignition Temp Text:545 F
Lower Limits:1.8
Upper Limits:14.0
Extinguishing Media:WATER-FOG,FOAM,C0:2,DRY CHEMICAL,HALON 1211.DO NOT
USE WATER STREAM.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:PRODUCT IS A CLASS II COMBUSTIBLE
LIQUID;USE REASONABLE CARE.

Accidental Release

Spill Release Procedures:ELIMINATE IGNITION SOURCES AND VENTILATE AREA.
USE PROPER PERSONAL PROTECTION. CONTAIN SPILL. RECOVER AAS LIQUID
IF POSSIBLE. USE SUITABLE INERT ABSORENT MATERIAL AND SHOVEL INTO
WAST CONTAINER. COVER & REMOVE FROM AREA. KEEP OUT OF SEWERSAND
DRIINS
Neutralizing Agent:NONE

Handling

Handling and Storage Precautions:STORE IN COOL,DRY AND WELL VENTILATED
AREA. KEEP AWAY FROM HEAT,OPEN FLAMES,SPARKS.KEEP CONTAINER CLOSED
WHEN NOT IN USE.
Other Precautions:'EMPTY' CONTAINERS MAY CONTAIN RESIDUE OR VAPOR.
TREAT THEM WITH THE RESPECT DUE FULL ONES. DO NOT CUT,WELD,ETC. ON
THEM. KEEP OUT OF SEWERS AND DRAINS. FOLLOW NFPA CODES FOR USING
AND HANDLING FLAMM ABLE LIQUIDS.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR
OR RESPIRATOR FOR ORGANIC VAPOR IF EXPOSURE IS ABOVE THE TLV/PEL.
SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.
Ventilation:LOCAL OR MECHANICAL TO KEEP EXPOSURE TO A MINIMUM.
Protective Gloves:IMPERVIOUS
Eye Protection:CHEMICAL GOGGLES + FACESHIELD
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER,PLUS
IMPERVIOUS CLOTHING AS REQUIRED TO PREVENT SKIN CONTACT.
Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID ALL
BUT EXXENTIAL CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.
Supplemental Safety and Health
ANIMAL TESTS INDICATE THAT REPEATED EXPOSURES MAY CAUSE ADVERSE
TESTICULAR, FETAL, AND TERATOGENIC EFFECTS.

Chemical Properties

HCC:F4
Boiling Pt:B.P. Text:255.6F/124C

Vapor Pres:7.3
Vapor Density:2.6
Spec Gravity:0.965
Solubility in Water:COMPLETELY MISC1BLE
Appearance and Odor:CLEAR LIQUID,MILD AGREEABLE ODOR
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING MATERIAL
Stability Condition to Avoid:EXTREME HEAT WILL IGNITE
Hazardous Decomposition Products:THERMAL DECOPOSITION PRODUCTS INCLUDE
CO AND CO:2.

Disposal

Waste Disposal Methods:DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL
REGULATIONS. MANUFACTURER MAKES NO SUGGESTIONS AS TO METHOD OF
DISPOSAL.

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