

An ISO 9001:2000
Certified Company



THE POWER OF THREE³

PHARMCO-AAPER

AND COMMERCIAL ALCOHOLS

Product Information (203) 740-3471 / Emergency Assistance CHEMTREC 1-800-424-9300 or 202-483-7616

MATERIAL SAFETY DATA SHEETS

Part Number/Trade Name: ETHYLENE GLYCOL MONOMETHYL ETHER, 2-METHOXYETHANOL, GLYCOL ETHER EM

This MSDS is valid for all grades and catalog numbers

General Information

Manufacturer: PHARMCO-AAPER

58 Vale Road
Brookfield, CT 06804
Phone (203) 740-3471
Fax (203) 740-3481

1101 Isaac Shelby Drive
Shelbyville, KY 40065
Phone (502) 633-0650
Fax (502) 633-0685

Ingredients/Identity Information

Proprietary: NO

Ingredient: 2-METHOXYETHANOL (EGME)
(SARA III)

Ingredient Sequence Number: 01

Percent: >98

NIOSH (RTECS) Number: KL5775000

CAS Number: 109-86-4

OSHA PEL: S, 25 PPM

ACGIH TLV: S, 5 PPM; 9192

Physical/Chemical Characteristics

Appearance And Odor: VISCOUS, AMBER
COLOR, SLIGHT ODOR.

Boiling Point: N/A

Vapor Pressure (MM Hg/70 F): N/A

Specific Gravity: N/A

Evaporation Rate And Ref: N/A

Solubility In Water: N/A

Percent Volatiles By Volume: N/A

Fire and Explosion Hazard Data

Flash Point: 120F TOC

Extinguishing Media: WATER, CO*2, FOAM, DRY CHEMICAL

Special Fire Fighting Proc: COOL EXPOSED CONTAINERS WITH WATER.

Unusual Fire And Expl Hazrds: N/A

Reactivity Data

Stability: YES

Cond To Avoid (Stability): ATTACKS ALUMINUM, MAGNESIUM, ZINC & GALVANIZED METALS

Materials To Avoid: ATTACKS ALUMINUM, MAGNESIUM, ZINC & GALVANIZED METALS

Hazardous Decomp Products: N/A

Hazardous Poly Occur: NO

Health Hazard Data

Signs/Symptoms Of Overexp: EYE IRRITATION,IRRITATION OF NOSE.PREVENT CONTACT W/EYES.PREVENT PROLONGED OR REPEATED SKIN CONTACT.
Emergency/First Aid Proc: FLUSH EYES W/WATER FOR 15 MIN.FLUSH SKIN W/ LARGE AMT OF WATER. CALL DOCTOR.CLOTHING CONTACT:REMOVE CONTAMINATED CLOTHING.DO NOT WEAR UNTIL THOROUGHLY CLEANED.EXTRA PRECAUTIONS NEEDED W/ LEATHER GOODS.SAFEST TO DESTROY SHOES,BELTS,ETC.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: STOP DISCHARGE IF POSSIBLE.FLUSH W/WATER THOROUGHLY & DISPOSE OF ACCORDING TO LOCAL,STATE & FEDERAL REGULATIONS
Waste Disposal Method: SPRAY IJNTO FURNACE.INCINERATION WILL BECOME EASIER BY MIXING WITH A MORE FLAMMABLE SOLVENT.
MATERIALS TEND TO BECOME ACIDIC.KEEP CONTAINERS CLOSED & PROTECT FROM MOISTURE.PROTECT CONTAINERS FROM DAMAG
Other Precautions: HANDLE IN A WELL-VENTILATED LOCATION,AWAY FROM FIRE HAZARD.WEAR RUBBER GLOVES,A FACE SHIELD,A MULTIPURPOSE GAS MASK.STORE IN A COOL DRY AREA.

Control Measures

Respiratory Protection: ORGANIC GAS MASK	Protective Gloves: RUBBER
Ventilation: MECHANICAL IS RECOMMENDED	Eye Protection: SAFETY GOGGLES
	Other Protective Equipment: FACE SHIELD

Transportation Data

DOT PSN Code: GBJ	IATA PSN Code: LIZ
DOT Proper Shipping Name: ETHYLENE GLYCOL MONOMETHYL ETHER	IATA UN ID Number: 1188
DOT Class: 3	IATA Proper Shipping Name: ETHYLENE GLYCOL MONOMETHYL ETHER
DOT ID Number: UN1188	IATA UN Class: 3
DOT Pack Group: III	IATA Label: FLAMMABLE LIQUID
DOT Label: FLAMMABLE LIQUID	AFI PSN Code: LIZ
IMO PSN Code: GVZ	AFI Prop. Shipping Name: ETHYLENE GLYCOL MONOMETHYL ETHER
IMO Proper Shipping Name: ETHYLENE GLYCOL MONOMETHYL ETHER	AFI Class: 3
IMO Regulations Page Number: 3342	AFI ID Number: UN1188
IMO UN Number: 1188	AFI Pack Group: III
IMO UN Class: 3.3	AFI Label: FLAMMABLE LIQUID
IMO Subsidiary Risk Label: -	AFI Basic Pac Ref: 7-7

Disposal Data

Landfill Ban Item: YES
Disposal Supplemental Data: IN CASE OF ACCIDENTAL EXPOSURE OR DISCHARGE, CONSULT HEALTH AND SAFETY FILE FOR PRECAUTIONS.
1st EPA Haz Wst Code New: D001
1st EPA Haz Wst Name New: IGNITIBLE
1st EPA Haz Wst Char New: IGNITABILITY
1st EPA Acute Hazard New: NO

Label Data

Special Hazard Precautions: MAY BE POISONOUS IF INHALED OR ABSORBED THROUGH SKIN. VAPORS MAY CAUSE DIZZINESS OR SUFFOCATION. CONTACT MAY IRRITATE OR BURN SKIN AND EYES. FIRE MAY PRODUCE IRRITATING OR POISONOUS GASES. RUNOFF FROM FIRE CONTROL OR DILUTION WATER MAY CAUSE POLLUTION.

The information contained herein is based on data considered to be accurate. However, no warranty is expressed regarding the accuracy of these data or the results to be obtained from the use thereof. It is the user's obligation to determine the conditions of safe use of the product.