

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

General Information

Manufacturer:	PHARMCO-AAPER	
	58 Vale Road	1101 Isaac Shelby Drive
	Brookfield, CT 06804	Shelbyville, KY 40065
	Phone (203) 740-3471	Phone (502) 633-0650
	Fax (203) 740-3481	Fax (502) 633-0685

Ingredients/Identity Information

Proprietary: NO	NIOSH (RTECS) Number: KW2975000
Ingredient: ETHYLENE GLYCOL (SARA III)	CAS Number: 107-21-1
Ingredient Sequence Number: 01	OSHA PEL: C 50 PPM
Percent: 100	ACGIH TLV: C 50 PPM, VAPOR; 9192

Physical/Chemical Characteristics

Boiling Point: 387.1F	Solubility In Water: COMPLETELY
Specific Gravity: 1.1155	Percent Volatiles By Volume: 0.0

Fire and Explosion Hazard Data

Flash Point: 240F	Extinguishing Media: WATER FOG, ALCOHOL
Lower Explosive Limit: 3.2	FOAM, CO*2, DRY CHEMICAL
	Special Fire Fighting Proc: NONE

Reactivity Data

Stability: YES	Materials To Avoid: OXIDIZING MATERIALS
Cond To Avoid (Stability): WILL IGNITE IN	Hazardous Poly Occur: NO
AIR AT 775F	

Health Hazard Data

Signs/Symptoms Of Overexp: DRUNKENNESS, CENTRAL NERVOUS SYSTEM
DEPRESSION, NARCOSIS
Emergency/First Aid Proc: EYES AND SKIN - FLUSH WITH PLENTY OF WATER. IF
ILL EFFECTS DEVELOP, GET MEDICAL ATTENTION INHALATION - REMOVE PERSON TO
FRESH AIR AND GET MEDICAL ATTENTION

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: FLUSH WITH WATER. SOAK UP WITH ABSORBENT MATERIAL

Waste Disposal Method: APPROVED LANDFILL OR BURNER

Precautions-Handling/Storing: AVOID INGESTION. PRACTICE REASONABLE CAUTION AND PERSONAL CLEANLINESS.

Control Measures

Respiratory Protection: NOT NECESSARY UNLESS MATERIAL IS HOT. USE DUST RESPIRATOR FOR MIST.

Ventilation: CONTROL TO 100 PPM IF NEEDED

Protective Gloves: NOT REQUIRED

Transportation Data

Trans Data Review Date: 78339

DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

AFI PSN Code: ZZZ

AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

Additional Trans Data: ITEM NOT REGULATED FOR SHIPPING

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 Name New: NOT REGULATED

1st EPA Haz Wst Char New: NOT REGULATED BY RCRA

1st EPA Acute Hazard New: NO

Label Data

Common Name: MIL-E-9500,ETHYLENE GLYCOL,TECHNICAL.

Special Hazard Precautions: DRUNKENNESS, CENTRAL NERVOUS SYSTEM DEPRESSION,NARCOSIS

Regulatory Data

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of Hazardous Substances equal or greater than the reportable quantities (RQs) in 40 CFR 302.4. Components present in this product at a level which could require reporting under the statute are:

Chemical Name	CAS Number	RQ
Ethylene glycol	107-21-1	5,000lb

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.