

An ISO 9001:2000  
Certified Company



THE POWER OF THREE<sup>3</sup>

**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 MONOBUTYL ETHER ACETATE, GLYCOL ETHER EB ACETATE

This MSDS is valid for all grades and catalog numbers

### General Information

Company's Name: PHARMCO PRODUCTS, INC.

Company's Street: 58 VALE RD.

Company's City: BROOKFIELD

Company's State: CT

Company's Zip Code: 06804

Company's Emerg Ph #: (800) 424-9300

Chemtrec

Company's Info Ph #: (203) 740-3471

Date MSDS Revised: Nishant-8/23/99

Safety Data Review Date: 8/23/99

Preparer's Company: PHARMCO PRODUCTS, INC.

Preparer's St Or P. O. Box: 58 VALE RD.

Preparer's City: BROOKFIELD

Preparer's State: CT

Preparer's Zip Code: 06804

1101 Isaac Shelby Drive

Shelbyville, KY 40065

Phone (502) 633-0650

Fax (502) 633-0685

### Ingredients/Identity Information

Proprietary: NO

Ingredient: ETHYLENE GLYCOL  
MONOBUTYL ETHER ACETATE CAS 112-07-2

Ingredient Sequence Number: 01

Percent: >95

NIOSH (RTECS) Number: KJ8925000

CAS Number: 112-07-2

ACGIH TLV: NOT ESTABLISHED

### Physical/Chemical Characteristics

Appearance And Odor: COLORLESS

LIQUID;FRUITY ODOR

Boiling Point: 378F/192C

Vapor Pressure (MM Hg/70 F): 1.0

Vapor Density (Air=1): 5.5

Specific Gravity: 0.942

Evaporation Rate And Ref: <0.1(BUTYL  
ACETAT)

Solubility In Water: NEGLIGIBLE

Percent Volatiles By Volume: N/A

### Fire and Explosion Hazard Data

Flash Point: 177F/80.6C CC

Lower Explosive Limit: 0.9

Upper Explosive Limit: UNK

Extinguishing Media: WATER FOG,CO\*2,DRY CHEMICAL.

MSDS 111, Rev 2.3, 07/08, MSZ

Ethylene Glycol Monobutyl Ether Acetate/Page 1 of 1

Special Fire Fighting Proc: SELF-CONTAINED BREATHING DEVICE OPERATED IN  
POSTIVE PRESSURE MODE

Unusual Fire And Expl Hazards: VAPOR HEAVIER THAN AIR, CAN BE IGNITED BY  
HEAT, FLAMES, PILOT LIGHTS. NO WELDING DRUM, CAN EXPLODE.

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Reactivity Data

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Stability: YES

Conditions To Avoid (Stability): NONE

Materials To Avoid: STRONG ALKALIES

Hazardous Decomposition Products:

CO<sub>2</sub>, CO, VARIOUS HYDROCARBONS, ETC.

Hazardous Polymerization Occurs: NO

Conditions To Avoid (Polymerization): NONE

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Health Hazard Data

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Signs/Symptoms Of Overexposure: CAN IRRITATE EYES, SKIN, NASAL, RESPIRATORY.

INHALE: DIZZY, WEAK, FATIGUE, NAUSEA, VOMITING, DIARRHEA.

Emergency/First Aid Procedure: SKIN: WASH WITH SOAP & WATER. EYES: FLUSH WITH WATER.

INGEST: GIVE 2 GLASSES WATER, INDUCE VOMITING. INHALE: REMOVE TO FRESH AIR. CPR/  
OXYGEN IF NEEDED. KEEP PERSON QUIET, WARM. OBTAIN MEDICAL ATTENTION.

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Precautions for Safe Handling and Use

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Steps If Material Released/Spill: SMALL SPILL: ABSORB WITH PAPER, FLOOR ABSORBENT &  
TRANSFER TO HOOD. LARGE SPILL: AVOID IGNITION SOURCES, STOP SPILL, DIKE, PUMP TO  
SALVAGE TANK. ABSORB REMAINING MATERIAL WITH SAND, CLAY, EARTH & SHOVEL INTO  
CONTAINERS.

Waste Disposal Method: SMALL SPILL: EVAPORATE IN HOOD. BURN ABSORBENT MATERIAL ON  
IRON PLATE. LARGE SPILL: DESTROY BY LIQUID INCINERATION. CONTAMINATED  
ABSORBENT CAN BE LANDFILLED IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL  
REGULATIONS.

Precautions-Handling/Storing: EMPTY CONTAINERS CAN BE HAZARDOUS (RETAINS  
PRODUCT RESIDUES). ALL HAZARD PRECAUTIONS MUST BE OBSERVED.

Other Precautions: OVEREXPOSURE HAS APPARENTLY BEEN FOUND TO CAUSE KIDNEY  
& EYE DAMAGE IN LABORATORY ANIMALS.

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Control Measures

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Respiratory Protection: IF OVEREXPOSED, APPROVED AIR SUPPLIED RESPIRATOR IS  
ADVISED.

Ventilation: MECHANICAL (GENERAL/LOCAL EXHAUST) TO PREVENT OVEREXPOSURE

Protective Gloves: POLYVINYL

Eye Protection: CHEMICAL SPLASH GOGGLES.

Other Protective Equipment: AS REQUIRED.

Supplier Safety & Health Data: MSDS 03/86-86063

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Transportation Data

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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 Proper Shipping Name: NOT REGULATED  
BY THIS MODE OF TRANSPORTATION

Additional Trans Data: ITEM NOT

REGULATED FOR TRNSP.

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Disposal Data

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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

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Label Data

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Common Name: GLYCOL ETHER EB ACETATE

Special Hazard Precautions: CAN IRRITATE EYES,SKIN,NASAL, RESPIRATORY.INHALE:DIZZY,WEAK,FATIGOE,NAUSEA,VOMITING,DIARRHEA.

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Regulatory Data

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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: **NONE**

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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.