

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

MATERIAL SAFETY DATA SHEETS

Part Number/Trade Name: PROPYLENE GLYCOL MONOMETHYL ETHER, GLYCOL ETHER PM
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

Ingredients/Identity Information

Ingredient: PROPYLENE GLYCOL MONOMETHYL ETHER
Ingredient Sequence Number: 01
Percent: 92.0
NIOSH (RTECS) Number: UB7700000
CAS Number: 107-98-2
OSHA PEL: 100 PPM/150 STEL
ACGIH TLV: 100 PPM/150STEL;9192

Physical/Chemical Characteristics

Appearance And Odor: LIQUID, GREEN
COLOR, ETHER ODOR.
Boiling Point: 230F.
Vapor Density (Air=1): >1.0

Specific Gravity: 0.932
Solubility In Water: APPRECIABLE
Percent Volatiles By Volume: 100.

Fire and Explosion Hazard Data

Flash Point: 94F TCC.
Extinguishing Media: ALCOHOL FOAM, CO*2, DRY CHEMICAL
Special Fire Fighting Proc: COOL EXPOSED CONTAINERS W/H*2O MAY BE
INEFFECT. ON FIRE.
Unusual Fire And Expl Hazrds: FLASHBACK ALONG VAPOR TRAIL MAY OCCUR. VAPOR
MAY EXPLODE IF IGNITED IN AN ENCLOSED AREA.

Reactivity Data

Stability: YES
Materials To Avoid: OXIDIZING MATERIAL
Hazardous Poly Occur: NO

Health Hazard Data

Signs/Symptoms Of Overexp: EYE,NASAL & THROAT IRRITATION AT HIGHER LEVELS BUT BEFORE CENTRAL NERVOUS SYSTEM IMPAIRMENT LIKELY.
Emergency/First Aid Proc: SKIN:REMOVE CONTAMINATED CLOTHING & WASH BEFORE REUSE.FLUSH SKIN WITH PLENTY OF WATER. GET DR. EYES:FLUSH W/PLENTY OF WATER & GET DR. INHAL:MOVE TO FRESH AIR. INGEST:INDUCE VOMIT IF CONSCIOUS.CALL DR.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: ADD ABSORBANT-REMOVE WITH RUBBER SHOVEL
Waste Disposal Method: BURN IN AN APPROVED FACILITY.
Precautions-Handling/Storing: PRACTICE REASONABLE CAUTION & PERSONAL CLEANLINESS TO AVOID EYES & PROLONGED REPEATED SKIN CONTACT.AVOID BREATHING OBJECTIONABLE VAPORS.

Control Measures

Respiratory Protection: IN EMERGENCY,WEAR FULL FACE MASK & ORGANIC VAPOR CANISTER.
Ventilation: MECHANICAL,SUFFICIENT TO CONTROL VAPORS TO COMFORT LEVEL
Protective Gloves: RUBBER
Eye Protection: SAFETY GLASSES W/O SHIELD
Other Protective Equipment: PROTECTIVE CLOTHING

Transportation Data

DOT PSN Code: GJD	IATA PSN Code: MCA
DOT Proper Shipping Name: FLAMMABLE LIQUIDS, CORROSIVE, N.O.S. *	IATA UN ID Number: 1993 *
DOT Class: 3 *	IATA Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. * *
DOT ID Number: UN2924 *	IATA UN Class: 3 *
DOT Pack Group: III *	IATA Label: FLAMMABLE LIQUID *
DOT Label: FLAMMABLE LIQUID, CORROSIVE *	AFI PSN Code: MCA
IMO PSN Code: HIA	AFI Prop. Shipping Name: FLAMMABLE LIQUIDS, N.O.S. *
IMO Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. *	AFI Class: 3 *
IMO Regulations Page Number: 3345 *	AFI ID Number: UN1993 *
IMO UN Number: 1993 *	AFI Pack Group: III *
IMO UN Class: 3.3 *	AFI Label: FLAMMABLE LIQUID *
	AFI Basic Pac Ref: A7.3 *

Disposal Data

Landfill Ban Item: YES
Disposal Supplemental Data: 4 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.