



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
This MSDS is valid for all grades and catalog numbers

General Information

Company's Name: PHARMCO PRODUCTS, INC.	Date MSDS Revised: Nishant-1/18/02
Company's Street: 58 VALE RD.	Safety Data Review Date: 8/23/99
Company's City: BROOKFIELD	Preparer's Company: PHARMCO PRODUCTS, INC.
Company's State: CT	Preparer's St Or P. O. Box: 58 VALE RD.
Company's Zip Code: 06804	Preparer's City: BROOKFIELD
Company's Emerg Ph #: (203) 740-3471	Preparer's State: CT
Company's Info Ph #: (203) 740-3471	Preparer's Zip Code: 06804

Ingredients/Identity Information

Proprietary: NO	Percent: 99%
Ingredient: 1,2-PROPANEDIOL (PROPYLENE GLYCOL)	NIOSH (RTECS) Number: TY2000000
Ingredient Sequence Number: 01	CAS Number: 57-55-6

Physical/Chemical Characteristics

Appearance And Odor: WATER-WHITE LIQUID; MILD ODOR.	Specific Gravity: 1.038
Boiling Point: 368.6F	Evaporation Rate And Ref: (BU AC = 1): 0.005
Vapor Pressure (MM Hg/70 F): <0.1	Solubility In Water: COMPLETE
Vapor Density (Air=1): 2.6	Percent Volatiles By Volume: NIL

Fire and Explosion Hazard Data

Flash Point: 214F
Flash Point Method: TCC
Lower Explosive Limit: 2.6%
Upper Explosive Limit: 12.5%
Extinguishing Media: USE CO2, DRY CHEMICAL, ALCOHOL-TYPE FOAM OR WATER SPRAY

Special Fire Fighting Proc: NONE
Unusual Fire And Expl Hazrds: AUTOIGNITION TEMPERATURE 790F.

=====
=====

Reactivity Data

=====
=====

Stability: YES
Cond To Avoid (Stability): NONE
Materials To Avoid: NONE
Hazardous Decomp Products: CO, CO2
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NONE

=====
=====

Health Hazard Data

=====
=====

Route Of Entry - Inhalation: NO	Explanation Carcinogenicity: NONE
Route Of Entry - Skin: NO	WASH W/SOAP & WATER. INHALATION:
Route Of Entry - Ingestion: NO	NO EMERGENCY CARE ANTICIPATED.
Carcinogenicity - NTP: NO	EYES: FLUSH
Carcinogenicity - IARC: NO	W/WATER.
Carcinogenicity - OSHA: NO	

=====
=====

Precautions for Safe Handling and Use

=====
=====

Steps If Matl Released/Spill: SMALL SPILLS SHOULD BE FLUSHED W/LARGE QUANTITIES OF WATER. LARGE SPILLS SHOULD BE COLLECTED FOR DISPOSAL.
Waste Disposal Method: INCINERATE IN A FURNACE WHERE PERMITTED UNDER APPROPRIATE FEDERAL, STATE, & LOCAL REGULATIONS
Precautions-Handling/Storing: NORMAL PRECAUTIONS COMMON TO GOOD MANUFACTURING PRACTICE SHOULD BE FOLLOWED IN HANDLING/STORAGE.
Other Precautions: NONE

=====
=====

Control Measures

=====
=====

Respiratory Protection: NONE REQUIRED
Ventilation: GENERAL ROOM VENTILATION IS SATISFACTORY
Eye Protection: SAFETY GLASSES
Other Protective Equipment: EYE BATH & SAFETY SHOWER.
Work Hygienic Practices: GOOD MANUFACTURING PRACTICE SHOULD BE FOLLOWED IN HANDLING/STORAGE.

=====
=====

Transportation Data

=====
=====

=====
=====

Disposal Data

=====
=====

=====
=====

Refer to applicable regional, state and federal codes.

=====
===

Label Data

=====
===

Label Required: YES

Common Name: PROPYLENE GLYCOL

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.