



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.  
Company's Street: 58 VALE RD.  
Company's City: BROOKFIELD  
Company's State: CT  
Company's Zip Code: 06804  
Company's Emerg Ph #: (203) 740-3471  
Company's Info Ph #: (203) 740-3471

Date MSDS Revised: Nishant-1/18/02  
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

Proprietary: NO  
Ingredient: 1,2-PROPANEDIOL (PROPYLENE GLYCOL)  
Ingredient Sequence Number: 01

Percent: 99%  
NIOSH (RTECS) Number: TY2000000  
CAS Number: 57-55-6

### Physical/Chemical Characteristics

Appearance And Odor: WATER-WHITE LIQUID; MILD ODOR.  
Boiling Point: 368.6F  
Vapor Pressure (MM Hg/70 F): <0.1  
Vapor Density (Air=1): 2.6

Specific Gravity: 1.038  
Evaporation Rate And Ref: (BU AC = 1): 0.005  
Solubility In Water: COMPLETE  
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.

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#### Reactivity Data

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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

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#### Health Hazard Data

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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	

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#### Precautions for Safe Handling and Use

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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

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#### Control Measures

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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.

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#### Transportation Data

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#### Disposal Data

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Refer to applicable regional, state and federal codes.

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#### Label Data

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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.