

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

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## **MATERIAL SAFETY DATA SHEETS**

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Part Number/Trade Name: DIMETHYLSULPHOXIDE, METHYL SULFOXIDE  
This MSDS is valid for all grades that start with catalog number 367

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### General Information

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

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### Ingredients/Identity Information

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Ingredient: DIMETHYL SULFOXIDE	NIOSH (RTECS) Number: PV6210000
Ingredient Sequence Number: 01	CAS Number: 67-68-5
Percent: 99	

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### Physical/Chemical Characteristics

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Appearance And Odor: COLORLESS, ODORLESS, HYGROSCOPIC	Specific Gravity: 1.1
Boiling Point: 372F	Solubility In Water: COMPLETE
Vapor Pressure (MM Hg/70 F): 037	Percent Volatiles By Volume: 100

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### Fire and Explosion Hazard Data

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Flash Point: 203F COC	Special Fire Fighting Proc: WATER CAN BE USED OR ALCOHOL FOAM
Lower Explosive Limit: 2.6	Unusual Fire And Expl Hazrds: CAN EMIT TOXIC FUMES WHEN HEATED TO DECOMP
Upper Explosive Limit: 42	
Extinguishing Media: ALCOHOL FOAM	

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### Reactivity Data

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Stability: YES	Materials To Avoid: ACETYL CHLORIDE, ACYL HALIDES, BENZENESOLFONYL CHLORIDE
Cond To Avoid (Stability): AVOID DECOMP TEMP SINCE MATL BECOMES UNSTABLE	Hazardous Decomp Products: NO

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### Health Hazard Data

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Signs/Symptoms Of Overexp: IRRIT: CAN AFFECT CORNEAL OPACITY. IF ABSORBED THRU SKIN OR INH: CAUSES IRRIT.

Emergency/First Aid Proc: EXTERNAL: FLUSH W/PLENTY WATER 15 MIN MINIM.  
EYE: CALL MD. INTERNAL: IF INH, MOVE TO FRESH AIR. IF DIFFICULT BRTHNG,  
GIVE OXYGEN, CALL MD.

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: ELIMINATE SOURCE OF IGNITION. ABSORB SM  
SPILLS W/PAPER TOWEL OR VERMICULITE. TREAT AS SOLID WASTE. PUMP LG SPILLS  
INTO HOLDING TANKS.

Waste Disposal Method: DISSOLVE IN FLAMMABLE SOLVENT. SPRAY INTO FIRE DOX  
OF APPROVD INCINERATOR. OBSERVE APPROPRIATE FED, STATE, LOCAL REG.

Precautions-Handling/Storing: CAN REACT W/OXIDIZING MATLS

Other Precautions: STORE IN COOL, DRY AREA

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Control Measures

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Respiratory Protection: NONE  
Ventilation: LOCAL EXHST REC  
Protective Gloves: RUBBER

Eye Protection: GOGGLES  
Other Protective Equipment: APPRVD WORK  
CLOTHES

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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 Prop. Shipping Name: NOT REGULATED BY  
THIS MODE OF TRANSPORTATION  
Additional Trans Data: ITEM NOT REG AS HAZ

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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: METHYL SULFOXIDE  
Special Hazard Precautions: IRRIT: CAN AFFECT CORNEAL OPACITY. IF ABSORBED  
THRU SKIN OR INH: CAUSES IRRIT.

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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.