



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

MATERIAL SAFETY DATA SHEETS

Part Number/Trade Name: DICHLOROMETHANE, METHYLENE CHLORIDE
This MSDS is valid for all grades and catalog numbers

General Information

Company's Name: PHARMCO PRODUCTS, INC.	Date MSDS Revised: Nishant-8/23/99
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	NIOSH (RTECS) Number: PA8050000
Ingredient: METHYLENE CHLORIDE (SARA III)	CAS Number: 75-09-2
Ingredient Sequence Number: 01	OSHA PEL: 500 PPM/C, 1000; Z2
Percent: 99.5	ACGIH TLV: 50 PPM, A2; 9192

Physical/Chemical Characteristics

Appearance And Odor: COLORLESS LIQUID	Specific Gravity: 1.320
Boiling Point: 104F/39.8C	Solubility In Water: 2.0G/100G
Vapor Pressure (MM Hg/70 F): 340	Percent Volatiles By Volume: 100
Vapor Density (Air=1): 2.93	

Fire and Explosion Hazard Data

Flash Point: NONE	NIOSH APPROVED SCBA.
Lower Explosive Limit: 13.0	Unusual Fire And Expl Hazrds: FORMS
Upper Explosive Limit: 23.0	FLAMMABLE VAPOR-AIR MIXTURES AT
Extinguishing Media: WATER FOGS Special Fire Fighting Proc: WEAR POSITIVE PRESSURE	TEMPERATURES ABOVE AMBIENT.

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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): SEE JOURN. OF
CHEM & EN6.DATA 17(1)89-93 1972.
Materials To Avoid: AL,NA,K & MG.

Hazardous Decomp Products:
HCL,PHOSGEN,CHLORINE WHEN
EXPOSED TO ELEC
ARCS/FLAMES
Hazardous Poly Occur: NO
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Health Hazard Data
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Signs/Symptoms Of Overexp: EYE:IRRITATION AND SLIGHT CORNEAL INJURY.
SKIN:IRRITATION OR BURNS.INHAL:IRRIT TO RESPIRAT.TRACT.
Emergency/First Aid Proc: EYES/SKIN-FLUSH WITH PLENTY WATER.SEE DOCTOR IF
IRRITATION DEVELOPS.INHALATION-REMOVE TO FRESH AIR.KEEP QUIET/WARM.SEE
DOCTOR.ARTIFICIAL RESPIRATION AS NEEDED.INGESTION-INDUCE VOMITING.CALL
DOCTOR.DO NOT GIVE ALCOHOL.SEE SUPPLEMENTAL DATA SECTION.
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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: SMALL SPILLS-MOP UP, ABSORB IMMEDIATELY.MOVE
OUTSIDE.LARGE SPILLS-EVACUATE AREA,CONTAIN LIQUID,TRANSFER TO CLOSED
METAL
CONTAINERS.KEEP OUT OF WATER SUPPLY.
Waste Disposal Method: SEND SOLVENT TO A RECLAIMER. IN SOME CASES,SMALL
AMOUNTS MAY BE TRANSPORTED TO AN AREA WHERE IT CAN BE PLACED ON THE
GROUND
& ALLOWED TO EVAPORATE SAFELY IF LOCAL, STATE, AND FEDERAL REGULATIONS
PERMIT.
Precautions-Handling/Storing: STORE IN COOL DRY AREA,AVOID BREATHING
VAPORS EXERCISE REASONABLE CARE AND CAUTION
Other Precautions: EPINEPHRINES PRECIPITATE ARRHYTHMIAS.EXPOSURE TO
METHYLENE CHLORIDE PRODUCES CARBOXYHEMOGLOBIN WHICH MAY PERSIST SOME
WHAT
LONGER THAN THAT DUE TO CARBON MONOXIDE EXPOSURE.
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Control Measures
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Respiratory Protection: ABOVE 2% SELF CONTAINED,BELOW 2%,LESS THAN 1/2 HR-
ORGANIC CANISTER. IN CONFINED OR POORLY VENTILATED AREAS, USE AN APPROVED
POSITIVE-PRESSURE SUPPLIED AIR RESPIRATOR.
Ventilation: LIMIT CONCENTRATION IN AIR TO TLV
Protective Gloves: AS NEEDED
Eye Protection: SAFETY GLASSES
Other Protective Equipment: EYE WASH STATIONS,SAFETY SHOWERS
Suppl. Safety & Health Data: NOTE TO DOCTOR-OVEREXPOSURE,IF ACCOMPANIED BY
ANOXIA, MAY TEMPORARILY INCREASE CARDIAC IRRITABILITY.GIVE OXYGEN TO
RECOVERY.AVOID SYMPATOMIMETIC AMINES SUCH AS EPINEPHRINE.SEE
OTH.PREC.SECT.
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Transportation Data
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Trans Data Review Date: 86147
DOT PSN Code: EUP
DOT Proper Shipping Name:
DICHLOROMETHANE
DOT Class: 6.1
DOT ID Number: UN1593
DOT Pack Group: III
DOT Label: KEEP AWAY FROM FOOD
IMO PSN Code: FLF
IMO Proper Shipping Name:
DICHLOROMETHANE
IMO Regulations Page Number: 6127
IMO UN Number: 1593
IMO UN Class: 6.1
IMO Subsidiary Risk Label: -
IATA PSN Code: IYW
IATA UN ID Number: 1593
IATA Proper Shipping Name:
DICHLOROMETHANE
IATA UN Class: 6.1
IATA Label: TOXIC *
AFI PSN Code: IYW
AFI Prop. Shipping Name:
DICHLOROMETHANE
AFI Class: 6.1
AFI ID Number: UN1593
AFI Pack Group: III
AFI Label: KEEP AWAY FROM FOOD
AFI Special Prov: N36
AFI Basic Pac Ref: 10-10
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Disposal Data
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Landfill Ban Item: YES
Disposal Supplemental Data: NOTE TO
DOCTOR-OVEREXPOSURE,IF
ACCOMPANIED BY
ANOXIA, MAY TEMPORARILY INCREASE
CARDIAC IRRITABILITY.GIVE OXYGEN
TO RECOVERY.AVOID SYMPATOMIMETIC
AMINES SUCH AS EPINEPHRINE.SEE
OTH.PREC.SECT.
IN CASE OF ACCIDENTAL EXPOSURE OR
DISCHARGE, cONSULT HEALTH AND
SAFETY FILE
FOR PRECAUTIONS.
1st EPA Haz Wst Code New: U080
1st EPA Haz Wst Name New: METHYLENE
CHLORIDE; DICHLOROMETHANE
1st EPA Haz Wst Char New: TOXIC (T)
1st EPA Acute Hazard New: NO
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Label Data
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Label Required: YES
Special Hazard Precautions: VAPORS MAY CAUSE DIZZINESS OR SUFFOCATION.
EXPOSURE IN AN ENCLOSED AREA MAY BE VERY HARMFUL. 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.
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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.

--Rev 2.0 12/18/01 JC