



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

MATERIAL SAFETY DATA SHEETS

Part Number/Trade Name: PERCHLOROETHYLENE
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-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: PERCHLOROETHYLENE (TETRACHLOROETHYLENE) (SARA III)
Ingredient Sequence Number: 01
Percent: 99
NIOSH (RTECS) Number: KX3850000
CAS Number: 127-18-4
OSHA PEL: 25 PPM
ACGIH TLV: 25 PPM/100STEL,A3;94
Other Recommended Limit: NONE RECOMMENDED

Physical/Chemical Characteristics

Appearance And Odor: WATER-WHITE-ETHEREAL
Boiling Point: 250F,121C
Vapor Pressure (MM Hg/70 F): 13
Vapor Density (Air=1): 5.76

Specific Gravity: 1.619
Evaporation Rate And Ref: 2.8 (BU AC=1)
Solubility In Water: NEGLIGIBLE
Percent Volatiles By Volume: 100

Fire and Explosion Hazard Data

Flash Point: NONE
Lower Explosive Limit: NONE

Upper Explosive Limit: NONE

Extinguishing Media: NON-FLAMMABLE
MATERIAL
Special Fire Fighting Proc: PRESS.DEMAND
SELF-CONTAINED. EQUIP.; NO AUTO

IGNITION TEM
Unusual Fire And Expl Hazrds: NONE

Reactivity Data

Stability: YES
Cond To Avoid (Stability): OPEN FLAMES WELDING ARCS,OTHER HIGH
TEMPERATURES
Materials To Avoid: STRONG OXIDIZERS,CHEMICALLY ACTIVE METALS:BA,LI,BE.
Hazardous Decomp Products: HYDROGEN CHLORIDE, SMALL AMOUNTS PHOSGENE AND
CHLORINE
Hazardous Poly Occur: NO

Health Hazard Data

Signs/Symptoms Of Overexp: ACUTE;ANESTHESIA. CHRONIC;CENTRAL NERVOUS
SYSTEM-POSSIBLE ORGANIC INJURY
Emergency/First Aid Proc: FOR INHALATION MOVE TO FRESH AIR.FOR EYE AND
SKIN FLUSH WITH PLENTY OF WATER.FOR INGESTION INDUCE VOMITING ON PHYSICIANS
RECOMMENDATION

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: SMALL LEAKS-MOP UP, WIPE UP, OR SOAK UP
IMMEDIATELY. REMOVE TO OUT OF DOORS. LARGE SPILLS-EVACUATE AREA. CONTAIN
LIQUID; TRANSFER TO CLOSED METAL CONTAINERS. KEEP OUT OF WATER SUPPLY.
Waste Disposal Method: SEND SOLVENT TO LICENSED RECLAIMER, INCINERATION,
EVAPORATION OF VERY SMALL QUANTITIES, OR APPROVED LANDFILL IAW
LOCAL,STATE,
& FEDERAL REGULATIONS. DO NOT DUMP INTO SEWERS, OR GROUND, OR INTO ANY
BODY
OF WATER.
Precautions-Handling/Storing: HANDLE W/REASONABLE CARE & CAUTION. AVOID
BREATHING VAPORS. VAPORS HEAVIER THAN AIR-WILL COLLECT IN LOW POINTS.
Other Precautions: LIQUID TETRACHLOROETHYLENE WILL ATTACK SOME FORMS OF
PLASTICS,RUBBER, & COATINGS.

Control Measures

Respiratory Protection: NIOSH APPRV. RESPR. PROTECT. IN ABSENCE OF PROPER
ENVIRON. CONTROL
Ventilation: SUFFICIENT TO MAINTAIN AIR QUALITY BELOW TLV.
Protective Gloves: IMPERVIOUS
Eye Protection: SAFETY GLASSES W/O SIDE S
Other Protective Equipment: SECTION VIII:ORGANIC VAPOR CANISTER:NIOSH
APPROVED

Transportation Data

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Trans Data Review Date: 82071	IATA UN ID Number: 1740
DOT Proper Shipping Name: UNDER REVIEW	IATA Proper Shipping Name:
IMO Proper Shipping Name:	PERCHLOROETHYLENE
TETRACHLOROETHYLENE	IATA Label: NONE
IMO UN Number: 1897	AFI Prop. Shipping Name: UNDER REVIEW
IMO UN Class: 6.1	

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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 Code New: U210
1st EPA Haz Wst Name New: TETRACHLOROETHYLENE; 1,1,2,2- TETRACHLOROETHENE
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.

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.