



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

## MATERIAL SAFETY DATA SHEETS

Part Number/Trade Name: ETHYLENE DICHLORIDE

This MSDS is valid for all grades and catalog #'s

### 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: ETHYLENE DICHLORIDE

Ingredient Sequence Number: 01

Percent: 100

NIOSH (RTECS) Number: K10525000

ACGIH TLV: 10 PPM

### Physical/Chemical Characteristics

Appearance And Odor: COLORLESS CLEAR LIQUID; MILDLY SWEET ODOR.

Boiling Point: 182F/83C

Vapor Pressure (MM Hg/70 F): 62

Vapor Density (Air=1): 3.4

Specific Gravity: 1.25

Evaporation Rate And Ref: 0.27(ETHER)

Solubility In Water: NEGLIGIBLE

Percent Volatiles By Volume: 100

### Fire and Explosion Hazard Data

Flash Point: 55F/12C (TCC)

Lower Explosive Limit: 6.2

Upper Explosive Limit: 15.9

Extinguishing Media: FOAM, CO<sub>2</sub>, CARGON DIOXIDE

Special Fire Fighting Proc: SELF-CONTAINED BREATHING APPARATUS

Unusual Fire And Expl Hazrds: CONCENTRATED VAPORS CAN BE IGNITED BY HIGH INTENSITY HEAT SOURCE. DECOMPOSITION PROD HYD CHLORIDE

Reactivity Data

Stability: YES

Materials To Avoid: STRONG

ALKALIES, OXIDIZING MATERIALS.

Hazardous Decomp Products: HYDROGEN  
CHLORIDE, PHOSGENE

Hazardous Poly Occur: NO

Health Hazard Data

VOMIT, DIZZY, COMA. INGESTION: BURN OF THROAT, MOUTH.

Emergency/First Aid Proc: EYE: FLUSH WITH WATER 15 MIN, CONSULT PHYSICIAN.

SKIN: WASH WITH SOAP & WATER, REMOVE CONTAMINATED CLOTHING.

INHALATION: REMOVE

FROM EXPOSURE, GIVE ARTIF RESP, CALL PHYSICIAN. INGESTION: DO NOT INDUCE  
VOMITING, CALL A PHYSICIAN.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: EVACUATE THE AREA, VENTILATE, AVOID BREATHING  
VAPORS, CONTAIN SPILL. CLEAN UP AREA (WEAR PROTECTIVE CLOTHING) BY MOPPING  
WITH ABSORBENT MATERIAL, TRANSFER TO CLOSED CONTAINER.

Waste Disposal Method: RECOVERED LIQUIDS MAY BE SENT TO A LICENSED  
RECLAIMER OR INCINERATED. CONTAMINATED ABSORBENT MATERIAL MUST BE  
DISPOSED

OF IN A PERMITTED WASTE MANAGEMENT FACILITY. CONSULT LOCAL, STATE &  
FEDERAL

DISPOSAL AUTHORITIES FOR APPROVED PROCEDURES.

Precautions-Handling/Storing: STORE IN COOL, DRY VENTILATED AREA. PREVENT  
MOIST AIR FROM ENTERING STORAGE. PIPE VENTS OUTDOORS

Other Precautions: AVOID CONTACT WITH SKIN & BREATHING VAPORS. VAPORS ARE  
HEAVIER THAN AIR & WILL COLLECT IN LOW AREAS.

Control Measures

Ventilation: MECHANICAL

Protective Gloves: NITROGEN/VITON

Eye Protection: CHEM SAFETY GOGGLES

Suppl. Safety & Health Data: CONTAINER

SIZE: 32 FL OZ.

Transportation Data

Trans Data Review Date: 87222

DOT PSN Code: GAP

DOT Proper Shipping Name: ETHYLENE

DICHLORIDE

DOT Class: 3

DOT ID Number: UN1184

DOT Pack Group: II

DOT Label: FLAMMABLE LIQUID, POISON

IMO PSN Code: GVF

IMO Proper Shipping Name: ETHYLENE  
DICHLORIDE

IMO Regulations Page Number: 3224

IMO UN Number: 1184

IMO UN Class: 3.2

IMO Subsidiary Risk Label: TOXIC \*

IATA PSN Code: LIA

IATA UN ID Number: 1184  
IATA Proper Shipping Name: ETHYLENE  
DICHLORIDE  
IATA UN Class: 3  
IATA Subsidiary Risk Class: 6.1  
IATA Label: FLAMMABLE LIQUID & TOXIC  
\*  
AFI Label: FLAMMABLE LIQUID & POISON  
AFI Basic Pac Ref: 7-7

AFI PSN Code: LIA  
AFI Symbols: T  
AFI Prop. Shipping Name: ETHYLENE  
DICHLORIDE  
AFI Class: 3  
AFI ID Number: UN1184  
AFI Pack Group: II

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Disposal Data

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Landfill Ban Item: YES  
Disposal Supplemental Data: CONTAINER SIZE: 32 FL OZ. IN CASE OF  
ACCIDENTAL EXPOSURE OR DISCHARGE, CONSULT HEALTH AND SAFETY FILE FOR  
PRECAUTIONS.  
1st EPA Haz Wst Code New: U077  
1st EPA Haz Wst Name New: 1,2-DICHLOROETHANE; ETHYLENE DICHLORIDE  
1st EPA Haz Wst Char New: TOXIC (T)  
1st EPA Acute Hazard New: NO

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Label Data

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Special Hazard Precautions: MAY BE POISONOUS IF INHALED OR ABSORBED  
THROUGH SKIN. VAPORS MAY CAUSE DIZZINESS OR SUFFOCATION. 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.