

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

MATERIAL SAFETY DATA SHEETS

Part Number/Trade Name: DIETHANOLAMINE
This MSDS is valid for all grades and catalog numbers

General Information

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	

Ingredients/Identity Information

Ingredient: DIETHANOLAMINE (SARA III)	CAS Number: 111-42-2
Ingredient Sequence Number: 01	OSHA PEL: 3 PPM
Percent: 99.5	ACGIH TLV: 3 PPM; 9192
NIOSH (RTECS) Number: KL2975000	

Physical/Chemical Characteristics

Appearance And Odor: COLORLESS,SLIGHTLY AMMONICAL LIQUID	Specific Gravity: 1.1
Boiling Point: 514F/268C	Evaporation Rate And Ref: U/K
Vapor Pressure (MM Hg/70 F): LOW	Solubility In Water: COMP.MISCIB
Vapor Density (Air=1): U/K	Percent Volatiles By Volume: >100

Fire and Explosion Hazard Data

Flash Point: 305F/152C (T.O.C)	Special Fire Fighting Proc: NONE SPECIFIED.USE SCBA IN FIRES AND IN CONFINED AREA
Lower Explosive Limit: U/K	Unusual Fire And Expl Hazrds: NONE
Upper Explosive Limit: U/K	SPECIFIED.USE REASONABLE CARE.
Extinguishing Media: WATER FOG, CO*2, DRY CHEMICAL, FOAM	

Reactivity Data

Stability: YES	Hazardous Decomp Products: NONE SPECIFIED
Cond To Avoid (Stability): WILL IGNITE IN AIR AT 1224F.	Hazardous Poly Occur: NO
Materials To Avoid: NONE SPECIFIED	Conditions To Avoid (Poly): NONE SPECIFIED

Health Hazard Data

Signs/Symptoms Of Overexp: EYES:IRRITATION OR BURNS;SKIN:NO ABSORPTION,
MILD IRRITATION; MAY GIVE BAD ODOR & IRRITATION OF NOSE
Emergency/First Aid Proc: INHALE:REMOVE TO FRESH AIR, GIVE CPR/O*2 IF
NEED;EYES/SKIN:FLUSH W LG AMTS H*2O FOR 15 MIN;INGEST:RINSE MOUTH; GET
MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER SYMPTOMS OF
OVEREXPOSURE.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: USE PROPER
PERSONAL PROTECTION.COLLECT THE
SPILL ON ABSORBENT MATERIAL OR SAND
AND RECOVER FOR PROPER DISPOSAL.
Waste Disposal Method: DISPOSE OF
COLLECTED MATERIAL IN ACCORDANCE
WITH
LOCAL,STATE AND FEDERAL

REGULATIONS.
Precautions-Handling/Storing: STORE IN
COOL,DRY AND WELL VENTILATED AREA.
KEEP CONTAINER TIGHTLY CLOSED.
Other Precautions: AVOID EYE AND
PROLONGED SKIN CONTACT.DO NOT
BREATHE
VAPORS.

Control Measures

Respiratory Protection: USE NIOSH/MSHA
APPROVED RESPIRATOR FOR ORGANIC
VAPORS OR SCBA
Ventilation: LOCAL EXHAUST TO MAINTN
BELOW TLV.

Protective Gloves: IMPERVIOUS
Eye Protection: SAFETY/CHEM GOGGLES
Other Protective Equipment: FULL PROTECTIVE
CLOTHING,SAFETY SHOWER,EYE
WASH STATION

Transportation Data

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

Disposal Data

Landfill Ban Item: YES
Disposal Supplemental Data: MSDS DATED DEC.14,1971 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

Label Data

Common Name: DIETHANOLAMINE
Special Hazard Precautions: EYES:IRRITATION OR BURNS;SKIN: NO
ABSORPTION,MILD IRRITATION; MAY GIVE BAD ODOR & IRRITATION OF NOSE
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.
