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Certified Company



THE POWER OF THREE[®]

PHARMCO-AAPER

AND COMMERCIAL ALCOHOLS

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

PHARMCO-AAPER

58 Vale Road
Brookfield, CT 06804
Phone (203) 740-3471
Fax (203) 740-3481

1101 Isaac Shelby Drive
Shelbyville, KY 40065
Phone (502) 633-0650
Fax (502) 633-0685

Ingredients/Identity Information

Ingredient: DIETHANOLAMINE (SARA III)
Ingredient Sequence Number: 01
Percent: 99.5
NIOSH (RTECS) Number: KL2975000

CAS Number: 111-42-2
OSHA PEL: 3 PPM
ACGIH TLV: 3 PPM; 9192

Physical/Chemical Characteristics

Appearance And Odor:
COLORLESS,SLIGHTLY AMMONICAL
LIQUID
Boiling Point: 514F/268C
Vapor Pressure (MM Hg/70 F): LOW

Vapor Density (Air=1): U/K
Specific Gravity: 1.1
Evaporation Rate And Ref: U/K
Solubility In Water: COMP.MISCIB
Percent Volatiles By Volume: >100

Fire and Explosion Hazard Data

Flash Point: 305F/152C (T.O.C)
Lower Explosive Limit: U/K
Upper Explosive Limit: U/K
Extinguishing Media: WATER FOG, CO*2,
DRY CHEMICAL, FOAM

Special Fire Fighting Proc: NONE
SPECIFIED.USE SCBA IN FIRES AND IN
CONFINED AREA
Unusual Fire And Expl Hazrds: NONE
SPECIFIED.USE REASONABLE CARE.

Reactivity Data

Stability: YES
Cond To Avoid (Stability): WILL IGNITE IN
AIR AT 1224F.
Materials To Avoid: NONE SPECIFIED

Hazardous Decomp Products: NONE
SPECIFIED
Hazardous Poly Occur: NO
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

Regulatory Data

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of Hazardous Substances equal or greater than the reportable quantities (RQs) in 40 CFR 302.4. Components present in this product at a level which could require reporting under the statute are:

Chemical Name	CAS Number	RQ
Diethanolamine	111-42-2	100lb

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.
