

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

MATERIAL SAFETY DATA SHEETS

Part Number/Trade Name: DIISOPROPYLAMINE
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: 8/2399
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

Physical & Chemical Characteristics

APPEARANCE AND ODOR: COLORLESS
LIQUID
BOILING POINT: 183.2F
MELTING POINT: -77.8F
VAPOR PRESSURE MM HG 70 F: 50
VAPOR DENSITY AIR 1: 3.5
SPECIFIC GRAVITY: 0.722
DECOMPOSITION TEMPERATURE: N/K
EVAPORATION RATE AND REF: N/K

SOLUBILITY IN WATER: N/K
PERCENT VOLATILES BY VOLUME: N/K
VISCOSITY:
PH: N/K
RADIOACTIVITY:
FORM RADIOACTIVE MATL:
MAGNETISM MILLIGAUSS:
CORROSION RATE IPY: N/K
AUTOIGNITION TEMPERATURE:

Fire and Explosion Hazard Data

FLASH POINT: 21F
FLASH POINT METHOD: N/P
LOWER EXPLOSIVE LIMIT: 1.1
UPPER EXPLOSIVE LIMIT: 8.5
EXTINGUISHING MEDIA: CO₂, DRY CHEMICAL POWDER/APPROPRIATE FOAM.
SPECIAL FIRE FIGHTING PROC: WEAR SCBA & PROTECTIVE CLOTHING.
UNUSUAL FIRE AND EXPL HAZRDS: FLAMMABLE LIQUID. VAPOR MAY TRAVEL TO DISTANT
SOURCE OF IGNITION & FLASHBACK. CONTAINER EXPLOSION MAY OCCUR UNDER FIRE
CONDITIONS. AUTOIGNITION TEMP: 599F.

Reactivity Data

STABILITY: YES
COND TO AVOID (STABILITY): HEAT,
SPARKS, OPEN FLAME & SOURCES OF
IGNITION. MATERIALS TO AVOID: STRONG
ACIDS, STRONG BASES, STRONG OXIDIZING
AGENTS, PLASTICS.

HAZARDOUS DECOMP PRODUCTS:
THERMAL: CO, CO₂, NITROGEN OXIDES.
HAZARDOUS POLY OCCUR: NO
CONDITIONS TO AVOID POLY: N/K

Health Hazard Data

LD50 LC50 MIXTURE: ORAL LD50(RAT): 770 MG/KG
ROUTE OF ENTRY INHALATION: YES
ROUTE OF ENTRY SKIN: YES
ROUTE OF ENTRY INGESTION: YES
HEALTH HAZ ACUTE AND CHRONIC: HARMFUL IF INGESTED, INHALED/ABSORBED THROUGH SKIN. MATERIAL IS EXTREMELY DESTRUCTIVE TO TISSUE OF THE MUCOUS MEMBRANES & UPPER RESPIRATORY TRACT, EYES & SKIN. INHALATION: FATAL AS A RESULT OF INFLAMMATION & EDEMA OF THE LARYNX & BRONCHI, CHEMICAL PNEUMONITIS & PULMONARY EDEMA, BURNING. EYES: MAY CAUSE DAMAGE.
CARCINOGENICITY NTP: NO
CARCINOGENICITY IARC: NO
CARCINOGENICITY OSHA: NO
EXPLANATION CARCINOGENICITY: NONE
SIGNS SYMPTOMS OF OVEREXP: BURNING SENSATION, SPASM, INFLAMMATION, COUGHING, WHEEZING, LARYNGITIS, SHORTNESS OF BREATH, HEADACHE, NAUSEA, VOMITING, BLURRED VISION, CHEST PAINS, DIFFICULTY IN BREATHING.
MED COND AGGRAVATED BY EXP: N/K
EMERGENCY FIRST AID PROC: EYES/SKIN: IMMEDIATELY FLUSH W/COPIOUS AMOUNTS OF WATER FOR 15 MINS. INHALATION: REMOVE TO FRESH AIR. GIVE CPR/ OXYGEN IF NEEDED. INGESTION: WASH OUT MOUTH W/WATER IF CONSCIOUS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Precautions for Safe Handling and Use

STEPS IF MATL RELEASED SPILL: EVACUATE AREA. SHUT OFF ALL SOURCES OF IGNITION. WEAR SCBA, RUBBER BOOTS & HEAVY RUBBER GLOVES. ABSORB ON SAND/ VERMICULITE & PLACE IN CLOSED CONTAINERS FOR DISPOSAL. VENTILATE AREA & WASH SITE AFTER MATERIAL PICKUP IS COMPLETE.
NEUTRALIZING AGENT: N/K
WASTE DISPOSAL METHOD: BURN IN A CHEMICAL INCINERATOR EQUIPPED W/AN AFTERBURNER & SCRUBBER IAW/FEDERAL, STATE & LOCAL REGULATIONS. EXERT EXTRA CARE IN INGITING AS THIS MATERIAL IS HIGHLY FLAMMABLE.
PRECAUTIONS HANDLING STORING: STORE IN A COOL DRY PLACE. KEEP AWAY FROM HEAT, SPARKS & OPEN FLAME. KEEP TIGHTLY CLOSED.
OTHER PRECAUTIONS: HARMFUL LIQUID. CORROSIVE. AVOID PROLONGED/REPEATED EXPOSURE. DON'T GET IN EYES, SKIN/CLOTHING. DON'T BREATHE VAPOR.

Control Measures

RESPIRATORY PROTECTION: WEAR APPROPRIATE NIOSH/MSHA APPROVED RESPIRATOR.
VENTILATION: CHEMICAL FUME HOOD
PROTECTIVE GLOVES: CHEMICAL RESISTANT
EYE PROTECTION: SAFETY GOGGLES/FACESHIELD (8-INCH MIN)
OTHER PROTECTIVE EQUIPMENT: PROTECTIVE CLOTHING, SAFETY SHOWER & EYE BATH.
WORK HYGIENIC PRACTICES: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
WASH THOROUGHLY AFTER HANDLING.
SUPPL SAFETY HEALTH DATA: N/K

Transportation Data:

DOT: Diisopropylamine, 3, UN1158, PG II

Disposal Data

Refer to applicable regional, state and federal codes.

Label Data

COMMON NAME: 23953-4 DIISOPROPYLAMINE,99+%

CHRONIC HAZARD: N/P

SIGNAL WORD:

ACUTE HEALTH HAZARD NONE:

ACUTE HEALTH HAZARD SLIGHT:

ACUTE HEALTH HAZARD MODERATE:

ACUTE HEALTH HAZARD SEVERE:

CONTACT HAZARD NONE:

CONTACT HAZARD SLIGHT:

CONTACT HAZARD MODERATE:

CONTACT HAZARD SEVERE:

FIRE HAZARD NONE:

FIRE HAZARD SLIGHT:

FIRE HAZARD MODERATE:

FIRE HAZARD SEVERE:

REACTIVITY HAZARD NONE:

REACTIVITY HAZARD SLIGHT:

REACTIVITY HAZARD MODERATE:

REACTIVITY HAZARD SEVERE:

SPECIAL HAZARD PRECAUTIONS: HARMFUL IF INGESTED, INHALED/ABSORBED THROUGH SKIN.

MATERIAL IS EXTREMELY DESTRUCTIVE TO TISSUE OF THE MUCOUS MEMBRANES & UPPER

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COUGHING, WHEEZING, LARYNGITIS, SHORTNESS OF BREATH, HEADACHE, NAUSEA, VOMITING,

BLURRED VISION, CHEST PAINS, DIFFICULTY IN BREATHING.

PROTECT EYE:

PROTECT SKIN:

PROTECT RESPIRATORY:

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.