

An ISO 9001:2000
Certified Company



THE POWER OF THREE³

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: HEPTYLAMINE
This MSDS is valid for all grades and catalog numbers

General Information

PHARMCO-AAPER

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

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

Physical & Chemical Characteristics

APPEARANCE AND ODOR: COLORLESS
LIQUID
BOILING POINT: >309F,>154C
MELTING POINT: N/K
VAPOR PRESSURE MM HG 70 F: N/K
VAPOR DENSITY AIR 1: N/K
SPECIFIC GRAVITY: 0.777
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: 95.0F,35.0C
FLASH POINT METHOD: N/P
LOWER EXPLOSIVE LIMIT: N/K
UPPER EXPLOSIVE LIMIT: N/K
EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROP FOAM.
WATER MAY BE EFTIVE FOR COOLING, BUT MAY NOT EFFECT EXTINGUISHMENT.
SPECIAL FIRE FIGHTING PROC: USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE
EQUIPMENT (FP N). FLAMMABLE.
UNUSUAL FIRE AND EXPL HAZRDS: VAP MAY TRAVEL CONSIDERABLE DIST TO SOURCE
OF IGNIT & FLASH BACK. CNTNR EXPLO MAY OCCUR UNDER FIRE CNDTNS. EMITS TOX
FUMES UNDER FIRE CNDTNS. FORMS (SUPDAT)

Reactivity Data

STABILITY: YES
COND TO AVOID (STABILITY): NONE
SPECIFIED BY MANUFACTURER.

MATERIALS TO AVOID: ACIDS, ACID
CHLORIDES, ACID ANHYDRIDES, STRONG
OXIDIZING AGENTS, CARBON DIOXIDE.

HAZARDOUS DECOMP PRODUCTS:
THERMAL DECOMPOSITION MAY
PRODUCE CARBON MONOXIDE, CARBON
DIOXIDE, AND NITROGEN OXIDES.

HAZARDOUS POLY OCCUR: NO
CONDITIONS TO AVOID POLY: NOT
RELEVANT

Health Hazard Data

LD50 LC50 MIXTURE: NONE SPECIFIED BY MANUFACTURER.
ROUTE OF ENTRY INHALATION: YES
ROUTE OF ENTRY SKIN: YES
ROUTE OF ENTRY INGESTION: YES
HEALTH HAZ ACUTE AND CHRONIC: HARMFUL IF SWALLOWED, INHALED, OR ABSORBED
THROUGH SKIN. MATERIAL IS EXTREMELY DESTRUCTIVE TO TISSUE OF THE MUCOUS
MEMBRANES & UPPER RESPIRATORY TRACT, EYES & SKIN. INHALATION MAY BE FATAL
AS A RESULT OF SPASM, INFLAMMATION & EDEMA OF THE LARYNX & BRONCHI,
CHEMICAL PNEUMONITIS & PULMONARY EDEMA. (EFTS OF OVEREXP)
CARCINOGENICITY NTP: NO
CARCINOGENICITY IARC: NO
CARCINOGENICITY OSHA: NO
EXPLANATION CARCINOGENICITY: NOT RELEVANT
SIGNS SYMPTOMS OF OVEREXP: HLTH HAZ:PROLONGED CONTACT CAN CAUSE SEVERE
IRRITATION OR BURNS. THE CHEMICAL, PHYSICAL & TOXICOLOGICAL PROPERTIES HAVE
NOT BEEN THOROUGHLY INVESTIGATED.
MED COND AGGRAVATED BY EXP: NONE SPECIFIED BY MANUFACTURER.
EMERGENCY FIRST AID PROC: EYES:IMMED FLUSH W/COPIOUS AMTS WATER FOR @
LEAST 15 MIN. ASSURE ADEQ FLUSHING OF EYES BY SEPARATING EYELIDS W/FINGERS.
SKIN:IMMED FLUSH W/COPIOUS AMTS WATER FOR @ LEAST 15 MIN WHILE REMOVING
CONTAMD CLTHG & SHOES. INHAL:REMOVE TO FRESH AIR. IF NOT BRTHG GIVE ARTF
RESP. IF BRTHG DFCLT, GIVE OXYGEN. INGEST:WASH OUT MOUTH W/WATER PROVIDED
PERSON CONSCIOUS. CALL MD. WASH CONTAMD CLTHG BEFORE REUSE.

Precautions for Safe Handling and Use

STEPS IF MATL RELEASED SPILL: EVACUATE AREA. SHUT OFF ALL SOURCES OF IGNIT.
WEAR NIOSH/MSHA APPRVD SCBA, RUBBER BOOTS & HVY RUBBER GLOVES. COVER
W/DRY-LIME, SAND/SODA ASH. PLACE IN COVERED CNTNRS USING NON-SPARKING TOOLS
& TRANSPORT OUTDOORS. VENT AREA & WASH SPILL SITE (SUPDAT)
NEUTRALIZING AGENT: NONE SPECIFIED BY MANUFACTURER.
WASTE DISPOSAL METHOD: DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL, STATE &
FEDERAL REGULATIONS (FP N). BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN
AFTERBURNER & SCRUBBER BUT EXERT EXTRA CARE IN IGNITING AS THIS MATERIAL IS
HIGHLY FLAMMABLE.
PRECAUTIONS HANDLING STORING: KEEP TIGHTLY CLOSED AND IN A WELL VENTILATED
SPACE. STORE IN A COOL DRY PLACE. KEEP AWAY FROM HEAT, SPARKS & OPEN FLAME.
NO SMOKING.
OTHER PRECAUTIONS: DO NOT BREATHE VAPOR. AVOID CNTCT W/EYES, SKIN &
CLOTHING. AVOID PROLONGED OR REPEATED EXPOSURE. CORROSIVE. HARMFUL LIQUID
& FUMES.

Control Measures

RESPIRATORY PROTECTION: WEAR APPROPRIATE NIOSH/MSHA APPROVED RESPIRATOR.
VENTILATION: USE ONLY IN A CHEMICAL FUME HOOD.
PROTECTIVE GLOVES: CHEMICAL-RESISTANT GLOVES.

EYE PROTECTION: SAFETY GOGGLES.
OTHER PROTECTIVE EQUIPMENT: WEAR SUITABLE PROTECTIVE CLOTHING, SAFETY SHOWER AND EYE BATH.
WORK HYGIENIC PRACTICES: WASH THOROUGHLY AFTER HANDLING.
SUPPL SAFETY HEALTH DATA: EXPLO HAZ:EXPLOSIVE MIXTURES IN AIR. SPILL PROC:AFTER MATERIAL PICK-UP IS COMPLETE.

Transportation Data

Disposal Data

Refer to applicable regional, state and federal codes.

Label Data

COMMON NAME: HEPTYLAMINE
CHRONIC HAZARD: NO
SIGNAL WORD: DANGER!
ACUTE HEALTH HAZARD NONE:
ACUTE HEALTH HAZARD SLIGHT:
ACUTE HEALTH HAZARD MODERATE:
ACUTE HEALTH HAZARD SEVERE: X
CONTACT HAZARD NONE:
CONTACT HAZARD SLIGHT:
CONTACT HAZARD MODERATE:
CONTACT HAZARD SEVERE: X
FIRE HAZARD NONE:
FIRE HAZARD SLIGHT:
FIRE HAZARD MODERATE:
FIRE HAZARD SEVERE: X
REACTIVITY HAZARD NONE: X
REACTIVITY HAZARD SLIGHT:
REACTIVITY HAZARD MODERATE:
REACTIVITY HAZARD SEVERE:
SPECIAL HAZARD PRECAUTIONS: FLAMMABLE. CORROSIVE. STORE IN A COOL, DRY PLACE AWAY FROM IGNITION SOURCES. ACUTE: HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN. MATERIAL IS EXTREMELY DESTRUCTIVE TO TISSUE OF THE MUCOUS MEMBRANES & UPPER RESPIRATORY TRACT, EYES & SKIN. INHALATION MAY BE FATAL AS A RESULT OF SPASM, INFLAMMATION & EDEMA OF THE LARYNX & BRONCHI, CHEMICAL PNEUMONITIS & PULMONARY EDEMA. PROLONGED CONTACT CAN CAUSE SEVERE IRRITATION OR BURNS. TO THE BEST OF MANUFACTURER'S KNOWLEDGE, THE CHEMICAL, PHYSICAL AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED. CHRONIC: NONE LISTED BY MANUFACTURER.
PROTECT EYE: Y
PROTECT SKIN: Y
PROTECT RESPIRATORY: Y

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: **NONE**

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.