Product ID: CADAVERINE DIHYDROCHLORIDE, C0500
MSDS Date: 04/01/1999
FSC: 6505
NITIN: 00N092455
Status Code: A
MSDS Number: CJTYX
- Responsible Party -
  Company Name: SIGMA CHEMICAL CO
  Box: 14508
  City: ST LOUIS
  State: MO
  ZIP: 63178
  Country: US
  Info Phone Num: 314-771-5765
  Emergency Phone Num: 314-771-5765
  CAGE: 21076

- Contractor Identification -
  Company Name: SIGMA CHEMICAL COMPANY
  Address: 3050 SPRUCE ST
  Box: 14508
  City: ST LOUIS
  State: MO
  ZIP: 63178
  Country: US
  Phone: 314-771-5765
  CAGE: 21076

Composition/Information on Ingredients

Ingredient Name: CADAVERINE DIHYDROCHLORIDE
CAS: 1476-39-7

Hazard Identification

Routes of Entry: Inhalation: YES  Skin: YES  Ingestion: YES
Reports of Carcinogenicity: NTP: NO  IARC: NO  OSHA: NO
Health Hazards: Acute and Chronic: ACUTE: MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION. CAUSES EYE AND SKIN IRRITATION. MATERIAL IS IRRITATING TO MUCOUS MEMBRANE AND UPPER RESPIRATORY TRACT. EXPOSURE CAN CAUSE: NAUSEA, HEADACHE AND VOMITING. Effects of Overexposure: SEE HEALTH HAZARDS.

First Aid Measures

First Aid: EYES: IMMEDIATELY FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SKIN: IMMEDIATELY WASH WITH SOAP AND COPIOUS AMOUNTS OF WATER. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. INGESTION: WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN. WASH CONTAMINATED CLOTHING BEFORE REUSE.

Fire Fighting Measures

Extinguishing Media: WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.
Fire Fighting Procedures: USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT.
Unusual Fire/Explosion Hazard: EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

Accidental Release Measures

Spill Release Procedures: WEAR NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

Handling and Storage

Handling and Storage Precautions: DO NOT BREATHE DUST. DO NOT GET IN EYES, ON SKIN, OR CLOTHING. IRRITANT. KEEP TIGHTLY CLOSED.
EDED, ON SKIN, ON CLOTHING. IRRITANT. KEEP TIGHTLY CLOSED. UNPREASANT ODOR. STORE IN A COOL DRY PLACE.

 Exposure Controls/Personal Protection =
Respiratory Protection: NIOSH APPROVED RESPIRATOR.
Ventilation: USE ONLY IN A CHEMICAL FUME HOOD.
Protective Gloves: RUBBER GLOVES.
Eye Protection: ANSI APPROVED CHEMICAL WORKERS GOGGLES.
Other Protective Equipment: EYE WASH AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA.
Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING.

 Supplemental Safety and Health

 Physical/Chemical Properties

Melt/Freeze Pt: >260°C, 500°F
M.P/F.P Text: 260°C TO 262°C
Appearance and Odor: OFF-WHITE TO TAN POWDER.

 Stability and Reactivity Data

Stability Indicator/Materials to Avoid: YES
STRONG OXIDIZING AGENTS.
Hazardous Decomposition Products: HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: TOXIC FUMES OF: CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES, HYDROGEN CHLORIDE GAS.

 Toxicological Information

Toxicological Information: TO THE BEST OF MFR'S KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

 Ecological Information

Ecological: DATA NOT YET AVAILABLE.

 Disposal Considerations

Waste Disposal Methods: DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER. OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

 MSDS Transport Information

Transport Information: CONTACT SIGMA CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.

 Regulatory Information

Federal Regulatory Information: EUROPEAN INFORMATION: IRRITANT R 36/37/38 IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN. S 26 IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE. S 36 WEAR SUITABLE PROTECTIVE CLOTHING.

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