

CORTEC CORP -- VCI-560 POWDER

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MSDS Safety Information

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FSC: 6850
NIIN: 00-865-2916
MSDS Date: 04/08/1991
MSDS Num: BFTFC
Product ID: VCI-560 POWDER
MFN: 01
Responsible Party
Cage: 44695
Name: CORTEC CORP
Address: 310 CHESTER ST
City: ST. PAUL MN 55107
Info Phone Number: 612
-224-5643
Emergency Phone Number: 800-426-7832 OR 612-224-5643
Preparer's Name: CHRISTOPHE CHANDLER
Proprietary Ind: Y
Review Ind: Y
Published: Y

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Contractor Summary

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Cage: 44695
Name: THE CORTEC CORPORATION
Address: 4119 WHITE BEAR PKY
City: SAINT PAUL MN 55110-7634
Phone: 651-429-1100/800-4-CORTEC

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Item Description Information

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Item Manager: S9G
Item Name: INHIBITOR,CORROSION,VAPOR BARRIER
Specification Number: MIL-I-22110
Type/Grade/Class: TY I
Unit of Issue: CO
Quantitative Expression: 00000000002OZ
UI Container Qty: 1
Type of Container: CAN

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Ingredients

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Name: *** PROPRIETARY ***

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Health Hazards Data

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LD50 LC50 Mixture: ORAL LD50 = 284 MG/KG (RAT)

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: PRODUCT IS IRRITATING TO BODY TISSUES. IT IS HARMFUL IF SWALLOWED OR INHALED AS DUST. INHALATION OF VAPOR IS NOT EXPECTED DUE TO ITS LOW VAPOR PRESSURE.

Explanation Of Carcinogenicity: MFR GIVES NO MORE INFO ON CARCINOGENICITY

EXCEPT THE THREE LISTINGS.

Signs And Symptoms Of Overexposure: EYE:MECHANICAL/CHEMICAL IRRITAZTION.

SKIN: MILD IRRITATION INHALED:(OF DUST) RESPIRATORY IRRITATION, POSSIBLE EFFECTS OF INGESTION. INGESTED:G/I IRRITATION, METHEMOGLOBINEMIA, VASCULAR COLLAPSE DUE TO RELAXATION OF SMALL BLOOD VESSELS.

Medical Cond Aggravated By Exposure: NONE GIVEN BY MANUFACTURER (SUPPLIER).

First Aid: EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE.

WASH WITH SOAP & WATER. INHALED:REMOVE

TO FRESH AIR. RESTORE BREATHING AS NEEDED. INGESTED:IMMEDIA TELY GIVE 2 LARGE GLASSES OF MILK OR WATER AND INDUCE VOMITING. (NOTHING BY MOUTH IF UNCONSCIOUS.) GET IMMEDIATE MEDICAL CARE. IF ANY IRRITATION PERSISTS OR IS SEVERE, SEE A DOCTOR.

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Handling and Disposal

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Spill Release Procedures: SWEEP UP. PLACE IN AN APPROVED CONTAINER.

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te Disposal Methods: INCINERATE OR DISPOSE OF IN ACCCORDANCE WITH EXISTING LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions: STORE IN A COOL DRY AREA. KEEP CONTAINERS TIGHTLY CLOSED

Other Precautions: AVOID UNNECESSARY SKIN & EYE CONTACT.AVOID BREATHING MISTS OR DUSTS.DO NOT TAKE INTERNALLY

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Fire and Explosion Hazard Information

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Flash Point Text: UNKNOWN

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Lower Limits: UNKNOWN

Upper Limits: UNKNOWN

Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard: COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

Control Measures

Respiratory Protection: RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR DUST/MIST IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.

Ventilation: GENERAL/LOCAL TO MAINTAIN AN ADEQUATE VENTILATION.

Protective Gloves: CHEMICAL RESISTANT,RUBBER OR PLASTIC

Eye Protection: SAFETY GLASSES/GOGGLES

Other Protective Equipment: SAFETY SHOWER,EYE-WASH STATION

Work Hygienic Practices: USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and Health: LIGHT/HEAT MAY DISCOLOR THE TABLETS/POWDER.

Physical/Chemical Properties

HCC: F8

B.P. Text: UNKNOWN

M.P/F.P Text: 333F,167C

Decomp Text: UNKNOWN

Vapor Pres: 0.0001 MM

Vapor Density: UNKNOWN

Spec Gravi

ty: UNKNOWN

Evaporation Rate & Reference: UNKNOWN

Solubility in Water: UNKNOWN

Appearance and Odor: WHITE TO OFF WHITE POWDER, SLIGHT AMINE ODOR

Corrosion Rate: UNKNOWN

Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid: HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Materials To Avoid: ACIDS, ALKALIS, AND OXIDIZING AGENTS

Hazardous Decomposition Product

s: OXIDES OF CARBON AND NITROGEN.

Hazardous Polymerization Indicator: NO

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Transportation Information
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Responsible Party Cage: 44695

Trans ID NO: 89277

Product ID: VCI-560 POWDER

MSDS Prepared Date: 04/08/199

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Review Date: 10/03/1991

MFN: 1

Tech Entry NOS Shipping Nm: DICYCLOHEXYLAMINE NITRITE, 100%(CAS 3129-91-7

Net Unit Weight: 2 OZ

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: CO

Container QTY: 1

Type Of Container: CAN

Additional Data: PROPER SHIPPING NAME DERIVED FROM UN2678 WHICH WAS LISTED ON
THE MSDS.

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Detail DOT Information
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DOT PSN Code: EWP

DOT Proper Shipping Name: DICYCL

OHEXYLAMMONIUM NITRITE

Hazard Class: 4.1
UN ID Num: UN2687
DOT Packaging Group: III
Label: FLAMMABLE SOLID
Packaging Exception: 153
Non Bulk Pack: 213
Bulk Pack: 240
Max Qty Pass: 25 KG
Max Qty Cargo: 100 KG
Vessel Stow Req: A
Water/Ship/Other Req: 48

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Detail IMO Information

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IMO PSN Code: FNG
IMO Proper Shipping Name: DICYCLOHEXYLAMMONIUM NITRITE
IMDG Page Number: 4137
UN Number: 2687
UN Hazard Class: 4.1
IMO Packaging Group: III
Subsidiary Risk Label: -
EMS Number: 4.1-05
MED First Aid Guide NUM: 235

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Detail IATA Information

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IATA PSN Code: JCS
IATA UN ID Num: 2687
IATA Proper Shipping Name: DICYCLOHEXYLAMMONIUM NITRITE
IATA UN Class: 4.1
IATA Label: FLAMMABLE SOLID
UN Packing Group: III
Packing Note Passenger: 419
Max Quant Pass: 25KG
Max Quant Cargo: 100KG
Packagi
ng Note Cargo: 420

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Detail AFI Information

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AFI PSN Code: JCS
AFI Proper Shipping Name: DICYCLOHEXYLAMMONIUM NITRITE
AFI Hazard Class: 4.1
AFI UN ID NUM: UN2687
AFI Packing Group: III
Special Provisions: P5
Back Pack Reference: A8.4

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HAZCOM Label

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Product ID: VCI-560 POWDER
Cag

e: 44695

Company Name: THE CORTEC CORPORATION

Street: 4119 WHITE BEAR PKY

City: SAINT PAUL MN

Zipcode: 55110-7634

Health Emergency Phone: 800-426-7832 OR 612-224-5643

Label Required IND: Y

Date Of Label Review: 12/16/1998

Status Code: C

Label Date: 12/16/1998

Origination Code: G

Hazard And Precautions: PRODUCT IS IRRITATING TO BODY TISSUES. IT IS HARMFUL IF SWALLOWED OR INHALED AS DUST. INHALATION OF VAPOR IS NOT EXPECTED DUE TO ITS LOW VAPOR PRESSURE.

EYE:MECHANICAL/CHEMICAL

L IRRITAZTION. SKIN: MILD

IRRITATION INHALED:(OF DUST) RESPIRATORY IRRITATION, POSSIBLE EFFECTS OF INGESTION. INGESTED:G/I IRRITATION,METHEMOGL OBINEMIA, VASCULAR COLLAPSE DUE TO RELAXATION OF SMALL BLOOD VESSELS.

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