

CORTEC CORPORATION -- VC1-105 & VC1-111 EMITTERS

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MSDS Safety Information
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FSC: 6850
NIIN: 01-406-2060
MSDS Date: 01/20/1998
MSDS Num: CJRMY
Product ID: VC1-105 & VC1-111 EMITTERS
MFN: 02
Responsible Party
Cage: 44695
Name: CORTEC CORPORATION
Address: 4119 WHITE BEAR PARKWAY
City: ST PAUL
MN 55110
Info Phone Number: 612-429-1100/800-4-CORTEC
Emergency Phone Number: 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: NONE
Type/Grade/Class: NONE
Unit of Issue: BX
Quantitative Expression: 00000000020EA
UI Container Qty: 0
Type of Container: BOX

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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 RAT LD50: 560 MG/KG ,ORGANIC SALT.
Route Of Entry Inds - Inhalation: NO
Skin: YES
Ingestion: NO
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: TARGET ORGANS: EYES, SKIN, RESPIRATORY AND GI TR

ACTS.

ACUTE: EYES: CONTACT MAY PRODUCE IRRITATION. SKIN: REPEATED OR PROLONGED CONTACT MAY CAUSE MILD IRRITATION. INHALATION: PRODUCT VAPORS ARE NOT EXPECTED TO POSE A SIGNIFICANT HEALTH HAZARD DUE TO THE LOW VAPOR PRESSURE OF THE PRODUCT. INGESTION: MAY BE HARMFUL.

Explanation Of Carcinogenicity: NONE

Signs And Symptions Of Overexposure: EYES: IRRITATION. SKIN: IRRITATION.

INHALATION: NOT A SIGNIFICANT HEALTH HAZARD. INGESTION:MAY BE HARMFUL.

Medical Cond Aggravated By Exposure: NON

E KNOWN.

First Aid: EYE CONTACT: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. SKIN CONTACT: WASH AFFECTED AREA WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALATION: MOVE TO A N UNCONTAMINATED AREA. ADMINISTER OXYGEN IF NECESSARY. IF NOT BREATHING, GIVE CPR. GET MEDICAL ATTENTION. INGESTION: IF SWALLOWED, GIVE WATER OR MILK AND INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTI ON.

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Handling
and Disposal
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Spill Release Procedures: SWEEP UP SPILLED MATERIAL FOR USE OR DISPOSAL.

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS.

Handling And Storage Precautions: STORE IN COOL, DRY PLACE AWAY FROM INCOMPATIBLES. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions: AVOID BREATHING DUSTS. AVOID EYE CONTACT ANDPROLONGED SKIN CONTACT WITH POWDER. DO NOT GET ON CLOTHING. WASH HA NDS THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING, O R USING LAVATORY. KEEP OUT OF REACH OF CHILDREN.

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Fire and Explosion Hazard Information
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Flash Point Text: NA

Lower Limits: N.E

Upper Limits: N.E

Extinguishing Media: WATER, CARBON DIOXIDE, OR OTHER DRY CHEMICAL FIRE FIGHTING AGENTS.

Fire Fighting Procedures: NONE.

Unusual Fire/Explosion Haza

rd: NONE.

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Control Measures
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Respiratory Protection: NONE REQUIRED.

Protective Gloves: NOT REQUIRED.

Eye Protection: NOT REQUIRED.

Other Protective Equipment: N/A.

Work Hygienic Practices: WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING,
OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

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Physical/Chemical Properties
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HCC: N1

B.P. Text: N.E

M.P/F.P Text: N.E

Decomp Text: UNKNOWN

Spec Gravity: UNKNOWN

PH: NE

Evaporation Rate & Reference: NA

Solubility in Water: UNKNOWN

Appearance and Odor: YELLOW PLASTIC CUP WITH TYVEK COVER. SLIGHT ODOR.

Percent Volatiles by Volume: NA

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: A

VOID CONTACT WITH INCOMPATIBLE MATERIALS.

Materials To Avoid: STRONG ACIDS, ALKALIS AND OXIDIZING AGENTS.

Hazardous Decomposition Products: (UNDER FIRE CONDITIONS) OXIDES OF CARBON AND
NITROGEN.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR.

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Toxicological Information
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Toxicological Information: LD50 ORAL RAT=560 MG/KG FOR ORGANIC SALT INGREDIENT.

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Ecological Information
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MSDS Transport Information
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Transport Information: NOT REGULATED FOR TRANSPORTATION BY LAND, SEA, OR AIR.

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Regulatory Information
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Other Information
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Other Information: CORROSION INHIBITORS. TWENTY PER BOX. PLASTIC EMITTERS WITH BREATHABLE TYVEK MEMBRANES; USED TO PROTECT UP TO 5 CUBIC FEET (140 LITERS) OF ENCLOSED SPACE FOR TWO YEARS; NON-TOXIC, FREE OF NITRITES, SILICONES, AND PHOSPHATES.
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Transportation Information
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Responsible Party Code: 44695
Trans ID NO: 149644
Product ID: VC1-105 & VC1-111 EMITTERS
MSDS Prepared Date: 01/20/1998
Review Date: 11/02/1999
MFN: 2
Net Unit Weight: 20 EA/UNIT
Multiple KIT Number: 0
Unit Of Issue: BX
Container QTY: 0

Type Of Container: BOX
Additional Data: PRODUCT DESCRIPTION: VOLATILE CORROSION INHIBITORS CONTAINED IN PLASTIC CONTAINERS SEALED WITH TYVEK LIDS. UNIT BOX CONTAINS 20 EACH.
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Detail DOT
Information
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DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail IMO Information
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IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
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Detail IATA Information
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IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail AFI Information
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AFI PSN Code: ZZZ
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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HAZCOM Label
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Product ID: VC1-105 & VC1-111 EMI

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Cage: 44695

Company Name: THE CORTEC CORPORATION

Street: 4119 WHITE BEAR PKY

City: SAINT PAUL MN

Zipcode: 55110-7634

Health Emergency Phone: 800-4-CORTEC

Label Required IND: Y

Date Of Label Review: 11/02/1999

Status Code: A

Label Date: 11/02/1999

Origination Code: F

Eye Protection IND: NO

Skin Protection IND: NO

Signal Word: CAUTION

Respiratory Protection IND: NO

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: EYES: CONTACT MAY

PRODUCE IRRITATION. SKIN: REPEATED OR

PROLONGED CONTACT MAY CAUSE MILD IRRITATION. INHALATION: PRODUCT VAPORS ARE NOT EXPECTED TO POSE A SIGNIFICANT HEALTH HAZARD DUE TO THE LOW VAPO R PRESSURE OF THE PRODUCT. INGESTION: MAY BE HARMFUL. FIRST AID: EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA WITH SOAP AND WATER. IF IRRITATION PERS ISTS, GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. GIVE OXYGEN IF NEEDED. IF NOT BREATHING,

GIVE CPR. GET MEDICAL ATTENTION. INGESTION: GIVE WATER OR MILK AND INDUCE VOMITING, GET MEDICAL ATT ENTION.

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