

CORTEC CORP

-- VCI-238 AEROSOL

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MSDS Safety Information
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FSC: 6850

NIIN: 01-413-9361

MSDS Date: 07/31/1995

MSDS Num: CJKRF

Product ID: VCI-238 AEROSOL

MFN: 06

Responsible Party

Cage: 44695

Name: CORTEC CORP

Address: 4119 WHITEBEAR PKY

City: SAINT PAUL MN 55107

Info Phone Numb

er: 612-429-1100 / FAX 612-429-1122

Emergency Phone Number: 612-429-1100
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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: 00000000006EA

UI Container Qty: 0

Type of Container: AEROSOL CANS
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Ingredi
ents
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Name: *** PROPRIETARY ***

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Health Hazards Data
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LD50 LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: TARGET ORGANS: EYE, SKIN, CNS, RESPIRATORY SYSTEM ().
ACUTE AND CHRON

IC - DIRECT EYE CONTACT WITH VAPORS OR LIQUID MAY CAUSE EYE IRRITATION. PROLONGED OR REPEATED SKIN EXPOSURE CAN CAUSE MODERATE IRRITATION AND DEFATTING OF SKIN LEADING TO POSSIBLE CHRONIC DERMATITIS. EXCESSIVE INHAALTION OF HIGH VAPOR CONCENTRATIONS AND/OR PARTICLE MISTS OF THIS PRODUCT MAY CAUSE LIGHT HEADEDNESS, GIDDINESS, NAUSEA, VOMITING, SHORTNESS OF BREATH, IRRITATION OF MUCOUS MEMBRANES AND MAY LEAD TO NARCOSIS AND CARDIAC IRREGULARITIES. INGESTION IS EXPECTED TO CAUSE GI IRRITATION.

ABSORPTION THROUGH GI TRACT MAY CAUSE SYMPTOMS SIMILAR TO INHALATION

Explanation Of Carcinogenicity: NONE

Signs And Symptions Of Overexposure: IRRITATION, DEFATTING OF SKIN, DERMATITIS, LIGHT HEADEDNESS, GIDDINESS, NAUSEA, VOMITING, SHORTNESS OF BREATH, NARCOSIS AND CARDIAC IRREGULARITIES

Medical Cond Aggravated By Exposure: CARDIOPULMONARY DISEASE.

First Aid: EYE CONTACT: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. CONSULT A PHYSICIAN. SKIN CONTACT: WASH AFFECTED AREA WITH SOAP AND WATER. IF

IRRITATION PERSISTS, CONSULT A PHYSICIAN. INHALATION: REMOVE TO AN UNCONTAMINATED AREA, ADMINISTER OXYGEN IF NECESSARY. IF VICTIM HAS STOPPED BREATHING BEGIN CPR. GET MEDICAL ATTENTION. INGESTION: IF CONSCIOUS, GIVE WATER BUT DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION. NOTE TO PHYSICIAN: CAUTION: EPINEPHRINE OR OTHER STIMULANTS MAY ADVERSELY AFFECT THE HEART.

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Handling and Disposal
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Spill Release Procedures: ABSORB ON SWEEPING COMPOUND OR OTHER ABSORBENT MATERIAL.

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

Handling And Storage Precautions: CAUTION: CONTENTS UNDER PRESSURE. DO NOT PUNCTURE OR INCINERATE. STORE AWAY FROM HEAT AND OPEN FLAMES. KEEP CONTAINERS TIGHTLY CLOSED.

Other Precautions: AVOID EYE AND SKIN CONTACT. AVOID EXCESSIVE INHALATION OF VAPORS OR PARTICLE MISTS. USE IN WELL VENTILATED ENVIRONMENT.

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Fire and Explosion Hazard Information
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Flash Point Text: FLAM. AEROSOL

Lower Limits: UNKNOWN

Upper Limits: UNKNOWN

Extinguishing Media: CARBON DIOXIDE OR OTHER DRY CHEMICAL FIRE FIGHTING AGENT.

Fire Fighting Procedures: FIREFIGHTER SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard: C

CONTENTS OF AEROSOL CANS ARE UNDER PRESSURE.

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Control Measures
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Respiratory Protection: A NIOSH APPROVED RESPIRATOR IS RECOMMENDED.

Ventilation: NONE SPECIFIED BY MANUFACTURER.

Protective Gloves: CHEMICAL RESISTANT RUBBER OR PLASTIC.

Eye Protection: SAFETY GLASSES/SPLASH GOGGLES

Other Protective Equipment: EYE WASH STATION.

Work Hygienic Practices: WASH HANDS AFTER USE AND BEFORE EATING,
DRINKING, OR

SMOKING. LAUNDRER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health: NONE
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Physical/Chemical Properties
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HCC: V3

B.P. Text: UNKNOWN

M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: UNKNOWN

Vapor Density: UNKNOWN

Spec Gravity: 0.7803-0.8163

PH: UNK

Evaporation Rate & Reference: UNKNOWN

Solubility in Water: UNKNOWN

Appearance and Odor: CLEAR, YELLO

W LIQUID, PETROLEUM ODOR.

Percent Volatiles by Volume: UNK

Corrosion Rate: UNKNOWN
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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: AVOID CONTACT WITH INCOMPATIBLE MATERIALS.

Materials To Avoid: STRONG ACIDS, STRONG ALKALIS AND STRONG OXIDIZING AGENTS,
CHEMICALLY ACTIVE METALS (SODIUM, POTASSIUM, ETC.)

Hazardous Decomposition Products: OXIDES OF CARBON AND NITR
OGEN.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NONE.
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Regulatory Information
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Federal Regulatory Information: TSCA STATUS: LISTED.
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Transportation Information
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Responsible Party Cage: 44695

Trans ID NO: 147442

Product ID: VCI-238 AEROSOL

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repaired Date: 07/31/1995

Review Date: 08/21/1999

MFN: 6

Tech Entry NOS Shipping Nm: MINERAL SPIRITS, PROPANE, ISOBUTANE

Net Unit Weight: 4.69 LBS

Multiple KIT Number: 0

Unit Of Issue: BX

Container QTY: 0

Type Of Container: AEROSOL CANS

Additional Data: XXX: PER 1999 IATA REGULATIONS PSN IS : "AEROSOLS, FLAMMABLE".

N.O.S. IS NO LONGER USED BY IATA. PR OPER SHIPPING NAME, UN ID NUMBER,
HAZARD CLASS PER MSDS. GROUND AS "CONSUMER COMMODITY ORM-D", PER LABEL.

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Detail DOT Information

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DOT PSN Code: AGC

DOT Proper Shipping Name: AEROSOLS, FLAMMABLE,

DOT PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)

Hazard Class: 2.1

UN ID Num: UN1950

Label: FLAMMABLE GAS

Special Provision: N82

Non Bulk Pack: NONE

Bulk Pack: NONE

Max Qty Pass: 75 KG

Max Qty Cargo: 150 KG

Vessel Stow Req: A

Water/Ship/Other Req: 40,48,85

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Detail IMO Informat

ion

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IMO PSN Code: AKD

IMO Proper Shipping Name: AEROSOLS o

IMDG Page Number: 2102

UN Number: 1950

UN Hazard Class: 2(T)

IMO Packaging Group: -

Subsidiary Risk Label: T

EMS Number: 2-13

MED First Aid Guide NUM: 620

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Detail IATA Information

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IATA PSN Code: XXX

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Detail AFI Inform

ation

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AFI PSN Code: ALR

AFI Symbols: *

AFI Proper Shipping Name: AEROSOLS, FLAMMABLE, N.O.S.

AFI PSN Modifier: (EACH NOT EXCEEDING 1L CAPACITY)

AFI Hazard Class: 2.1

AFI UN ID NUM: UN1950

Special Provisions: P4

Back Pack Reference: A6.3
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HAZCOM Label
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Product ID: VCI-238 AEROSOL

Cage: 44695

Company Name: THE CORTEC CORPORATION

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Address: 4119 WHITE BEAR PKY

City: SAINT PAUL MN

Zipcode: 55110-7634

Health Emergency Phone: 612-429-1100

Label Required IND: Y

Date Of Label Review: 08/21/1999

Status Code: A

Label Date: 07/31/1995

Year Procured: 1999

Origination

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: DANGER

Respiratory Protection IND: NO

Health Hazard: Moderate

Contact Hazard: Moderate

Fire Hazard: Severe

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS: EYE, SKIN, CNS, RE

SPIRATORY SYSTEM ().

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