

CORTEC CORP -- VCI-238 AEROSOL

=====  
MSDS Safety Information  
=====

FSC: 6850  
NIIN: 01-413-9361  
MSDS Date: 07/31/1995  
MSDS Num: CJWPD  
Product ID: VCI-238 AEROSOL  
MFN: 08  
Responsible Party  
Cage: 44695  
Name: CORTEC CORP  
Address: 4119 WHITEBEAR PKY  
City: SAINT PAUL MN 55107  
Info Phone Num  
ber: 612-429-1100 / FAX 612-429-1122  
Emergency Phone Number: 612-429-1100

=====  
Item Description Information  
=====

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

=====  
Ingred  
ients  
=====

Name: \*\*\* PROPRIETARY \*\*\*  
-----  
=====

=====  
Health Hazards Data  
=====

Route Of Entry Inds - Inhalation: YES  
Skin: YES  
Ingestion: NO  
Carcinogenicity Inds - NTP: NO  
IARC: NO  
OSHA: NO  
Effects of Exposure: 1. REPEATED OR PROLONGED SKIN CONTACT WITH THIS MATERIAL  
CAN CAUSE MODERATE IRRITATION & DEFATTING OF SKIN LE

ADING TO POSSIBLE

CHRONIC DERMATITIS. 2. CONTACT OF EYE TISSUE WITH LIQUID AND/OR HIGH VAPO R CONCENTRATIONS WILL CAUSE EYE IRRITATION. 3. EXCESSIVE INHALATION OF HIGH VAPOR CONCENTRATIONS AND/OR PARTICLE MISTS OF THIS PRODUCT MAY LEAD TO NARCOSIS AND CARDIAC IRREGULARITIES 4. INGESTION OF THIS PRODUCT IS EXPECTED TO CAUSE GASTROINTESTINAL IRRITATION. ABSORPTION THROUGH THE GASTROINTESTINAL TRACT MAY CAUSE SYMPTOMS SIMILIAR TO INHALATION ROUTE.

Signs And Symptions Of Overexposure:

INHALATION: MAY CAUSE LIGHTHEADEDNESS, GIDDINESS, NAUSEA, VOMITING, SHORTNESS OF BREATH, IRRITATION OF MUCOUS MEMBRANES.

Medical Cond Aggravated By Exposure: CARDIOPULMONARY DISEASE.

First Aid: EYES-FLUSH WITH WATER FOR 15 MINUTES. CONSULT A PHYSICIAN. SKIN-WASH AREA WITH SOAP & WATER. IF IRRITATION PERSIST, CONSULT A PHYSICIAN.

INHALED-REMOVE TO AN UNCONTAMINATED AREA, ADMINISTER OXYGEN IF NECESSARY. IF VICTIM HAS STOPPED BREATHING BEGIN CPR. GET MEDICAL ATTENTION.

INGESTION-

IFCONSCIOUS, GIVE WATER BUT DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION. NOTE TO PHYSICIAN: CAUTION: EPINEPHRINE OR OTHER STIMULANTS MAY ADVERSELY AFFECT THE HEART.

=====  
Handling and Disposal

=====  
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.

=====  
Fire and Explosion Hazard Information

Low

er Limits: N/E

Upper Limits: N/E

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

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

Unusual Fire/Explosion Hazard: CONTENTS OF AEROSOL CANS ARE UNDER PRESSURE.

=====  
Control Measures

Respiratory Protection: A NIOSH APPROVED RESPIRATOR IS RECOMMENDED.

Ventilation: USE IN A WEL

L-VENTILATED ENVIRONMENT.

Protective Gloves: CHEMICAL RESISTANT RUBBER OR PLASTIC.

Eye Protection: SAFETY GLASSES/SPLASH GOGGLES

Other Protective Equipment: EYE WASH STATION.

Work Hygienic Practices: HIMS: "WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE."

Supplemental Safety and Health: NOTE TO PHYSICIAN: CAUTION: EPINEPHRINE OR OTHER STIMULANTS MAY ADVERSELY AFFECT THE HEART.

=====  
Physical/Chemical Properties  
=====

HCC: V3

Spec Gravity: 0.8

Appearance and Odor: CLEAR, YELLOW LIQUID, PETROLEUM ODOR.  
=====

Reactivity Data  
=====

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 NITROGEN.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR  
=====

Toxicological Information  
=====

Ecological Information  
=====

=====  
MSDS Transport Information  
=====

Transport Information: DOT/IATA SHIPPING NAME: AEROSOLS, FLAMMABLE, N.O.S.;  
DOT/IATA HAZARD CLASS: 2.1; DOT/IATA REQUIRED LABELS: FLAMMABLE GAS; DOT/IATA  
TECHNICAL NAME: NONE; IMDG SHIPPING NAME: AEROSOLS; IMDG HAZARD CLASS : 9;  
IMDG CODE PAGE (AMDT:27-94): 9022; IMDG REQUIRED LABELS: NONE (PACKAGES  
MARKED "AEROSOLS"); FREIGHT CLASS BULK: LTL: 55; TL: 35; MW: 40.  
=====

=====  
Regulatory Information  
=====

=====  
Other Information  
=====

Other Information: PRODUCT DESCRIPTION: A PROPRIETARY BLEND OF CORROSION  
INHIBITORS IN A SOLVENT CARRIER PACKAGED IN AEROSOL FORM.  
=====

=====  
Transportation Information  
=====

=====  
Responsible Party Cage: 44695  
Trans ID NO: 150814  
Product ID: VCI-238 AEROSOL  
MSDS Prepared Date: 07/31/1995  
Review Date: 01/21/2000  
MFN: 8  
Tech Entry NOS Shipping Nm: MINERAL SPIRITS, ISOBUTANE, PROPANE  
Net Unit Weight: 0.84 LBS  
Multiple KIT Number: 0  
Unit Of Issue: BX  
Container QTY: 0  
Type Of Container: AEROSOL CANS  
=====

=====  
Detail DOT Information  
=====

DOT PSN Code: AGC  
DOT Proper Shipp  
ing 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  
=====

=====  
Detail IMO Information  
=====

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

=====  
Detail IATA Information  
=====

IATA PSN Code: ALS  
IATA UN ID Num: 1950  
IATA Proper Shipping Name: AEROSOLS, FLAMMABLE  
IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)  
IATA UN Class: 2.1  
IATA Label: FLAMMABLE GAS  
Packing Note Passenger: 203  
Max Quant Pas  
s: 75KG  
Max Quant Cargo: 150KG  
Packaging Note Cargo: 203

=====  
Detail AFI Information  
=====

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

=====  
HAZCOM Label  
=====

Product ID: VCI-238 AEROSOL  
Cage: 50211  
Company Name: MIL-SPEC PACKAGING OF GEORGIA, INC.  
Street: 8150 INDUSTRIAL HWY WILSON AIRPORT  
PO Box: 10217  
City: MACON GA  
Zipcode: 31297-0217  
Health Emergency Phone: 612-429-1100  
Label Required IND: Y  
Date Of Label Review: 01/21/2000  
Status Code: A  
Year Procured: 2000  
Origination Code: F  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: DANGER  
Respiratory Protection IND: YES  
Health Hazard: Moder

ate

Contact Hazard: Slight

Fire Hazard: Severe

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS: N/P. 1. REPEATED OR PROLONGED SKIN CONTACT WITH THIS MATERIAL CAN CAUSE MODERATE IRRITATION & DEFATTING OF SKIN LEADING TO POSSIBLE CHRONIC DERMATITIS. 2. CONTACT OF EYE TISSUE WITH LIQUID AND/OR HIGH VAPOR CONCENTRATIONS WILL CAUSE EYE IRRITATION. 3. EXCESSIVE INHALATION OF HIGH VAPOR CONCENTRATIONS AND/OR PARTICLE MISTS OF THIS PRODUCT MAY CAUSE LEAD TO NARCOSIS AND CARD

IAC IRREGULARITIES 4.

INGESTION OF THIS PRODUCT IS EXPECTED TO CAUSE GASTROINTESTINAL IRRITATION. ABSORPTION THROUGH THE GASTROINTESTINAL TRACT MAY CAUSE SYMPTOMS SIMILAR TO INHALATION ROUTE.

=====  
Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.