

MSDS Safety Information

FSC: 6850  
NIIN: 01-413-9361  
MSDS Date: 03/04/1997  
MSDS Num: CJRCG  
Product ID: VCI-238 AEROSOL  
MFN: 07  
Responsible Party  
Cage: 44695  
Name: CORTEC CORPORATION  
Address: 4119 WHITE BEAR PARKWAY  
City: ST. PAUL MN 55110  
Info Phone Number: 612-429-1100; 651-429-1122FAX  
Emergency Phone Number: 612-429-1100/800-4-CORTEC

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

Ingredients

Name: \*\*\* PROPRIETARY \*\*\*

Health Hazards Data

LD50 LC50 Mixture: ORAL LD50(RAT): UNKNOWN  
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 LEA

DING TO POSSIBLE

CHRONIC DERMATITIS. 2. CONTACT OF EYE TISSUE WITH LIQUID &/OR HIGH VAPOR CONCENTRATIONS WILL CAUSE EYE IRRITATION. 3. EXCESSIVE INHALATION OF HIGH VAPOR CONCENTRATIONS &/OR PARTICLE MISTS OF THIS PRODUCT MAY CAUSE IRRITATION OF MUCOUS MEMBRANES & MAY LEAD TO NARCOTIC & CARDIAC IRREGULARITIES. 4. INGESTION OF THIS PRODUCT IS EXPECTED TO CAUSE GASTROINTESTINAL IRRITATION. ABSORPTION THROUGH THE GASTROINTESTINAL TRACT MAY CAUSE SYMPTOMS SIMILAR TO I

NHALATION ROUTE.

Signs And Symptoms Of Overexposure: EXCESSIVE INHALATION OF HIGH VAPOR CONCENTRATIONS AND/OR PARTICLE MISTS OF THIS PRODUCT MAY CAUSE LIGHT HEADEDNESS, GIDDINESS, NAUSEA, VOMITING, SHORTNESS OF BREATH.

Medical Cond Aggravated By Exposure: CARDIOPULMONARY DISEASE.

First Aid: EYE CONTACT-FLUSH EYES WITH WATER FOR AT LEAST 15 MIN. CONSULT A PHYSICIAN. SKIN CONTACT-WASH EFFECTED AREA WITH SOAP & WATER. IF IRRITATION PERSISTS, CONSULT A PHYSICIAN. INHALATION-REMOVE TO AN UNCO

NTAMINATED 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.

=====  
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 AND/OR PARTICLE MISTS. USE IN A WELL VENTILATED ENVIRONMENT.

=====  
=====  
Fire and Explosion Hazard Information

=====  
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: CONTENTS OF AEROSOL CANS ARE UNDER PRESSURE.

=====  
Control Measures

=====

Respiratory Protection: A NIOSH APPROVED RESPIRATOR IS RECOMMENDED.

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. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

=====

## Physical/Chemical Properties

=====

=====

HCC: V3

B.P. Text: N/E

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

Vapor Pres: N/E

Vapor Density: N/E

Spec Gravity: 0.78

Evaporation Rate & Reference: N/E

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

Percent Volatiles by Volume: 100

=====

## Reactivity Data

=====

Stability Indicator: YES

Stability Condition To Avoid: AVOID CONTACT WITH INCOMPATIBLE MATERIALS.

Materials To Avoid: STRONG ACIDS, S

TRONG 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: UN NUMBER: 1950. DOT/IMDG/IATA SHIPPING NAME: AEROSOL,  
FLAMMABLE. N.O.S. DOT/IMDG/IATA HAZARD CLASS: 2.1. DOT/IMDG/IATA REQUIRED  
LABELS: FLAMMABLE GAS. DOT/IMDG/IATA TECHNICAL SHIPPING NAME: NONE. IM DG  
CODE PAGE (AMDT. 28-96): 210. FREIGHT CLASS BULK: LTL: 55 TL: 35 MW: 40.

=====

=====

Regulatory Information

=====

Federal Regulatory Information: T.S.C.A. STATUS: LISTED.

=====

Other Information

=====

Other Information: NONE SPECIFIED BY MANUFACTURER.

=====

Transportation Information

=====

Responsible P

arty Cage: 44695

Trans ID NO: 149957

Product ID: VCI-238 AEROSOL

MSDS Prepared Date: 03/04/1997

Review Date: 11/13/1999

MFN: 7

Tech Entry NOS Shipping Nm: CONTAINS MINERAL SPIRITS AND ISOBUTANE/PROPANE  
MIXTURE AS PROPELLANT.

Net Unit Weight: 12 OZ CN

Multiple KIT Number: 0

Unit Of Issue: BX

Container QTY: 0

Type Of Container: AEROSOL CANS

Additional Data: XXX: IATA PSN= AEROSOLS, FLAMMABLE,2.1 UN1950. NOTE THAT IATA  
NO LONGER USE "NOS" IN THE PSN.

=====

=====

Detail DOT Information

=====

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

=====

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: XXX

=====

Detail AFI Information

=

=====

AFI PSN Code: ALS  
AFI Proper Shipping Name: AEROSOLS, NONFLAMMABLE, N.O.S.  
AFI PSN Modifier: CONTAINING SUBSTANCES IN CLASS 8, PACKING GROUP I OR II  
AFI Hazard Class: FORB  
Back Pack Reference: FORBIDDEN

=====

HAZCOM Label

=====

Product ID: VCI-238 AEROSOL  
Cage: 44695  
Company Name: THE CORTEC CORPORATION  
Street: 4119 WHITE BEAR PKY  
City: SAINT  
PAUL MN  
Zipcode: 55110-7634  
Health Emergency Phone: 612-429-1100/800-4-CORTEC  
Label Required IND: Y  
Date Of Label Review: 11/13/1999  
Status Code: A  
Year Procured: 1999  
Origination Code: F  
Chronic Hazard IND: Y  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: DANGER  
Respiratory Protection IND: YES  
Health Hazard: Moderate  
Contact Hazard: Slight  
Fire Hazard: Severe  
Reactivity Hazard: None  
Hazard And Precautions: ACUTE: MAY CAUSE IRRITATION/DEFATTING OF SKIN LEADING  
TO POSSIBLE DERMA

TITIS, EYE IRRITATION, INHALATION MAY CAUSE IRRITATION OF MUCOUS MEMBRANES, LEADING TO NARCOSIS AND CARDIAC IRREGULARITIES. INGESTION-CAUSES GASTROINTESTINAL IRRITATION. FIRST AID:EYES-FLUSH WITH WATER FOR 15 MINUTES. CONSULT A PHYSICIAN. SKIN-WASH WITH SOAP & WATER. IF IRRITATION PERSIST, SEE DOCTOR. INHALED-REMOVE TO UNCONTAMINATED AREA, GIVE OXYGEN IF NEEDED. IF VICTIM STOPS BREATHING BEGIN CPR. INGESTION-IF UNCONSCIOUS, GIVE WATER BUT DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION. NOT TO PHYSICIAN: CAUTION: EPI NEPHRINE/STIMULANTS ADVERSELY AFFECT THE HEART.

=====

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.