

## **J-88 AEROSOL**

### **MSDS Number**

BMXWZ

### **National Stock Number**

6850-00N028432

### **Product Name**

J-88 AEROSOL

### **Manufacturer**

CANTOL INC

### **Product Identification**

Product ID: J-88 AEROSOL

MSDS Date: 01/15/1988

FSC: 6850

NIIN: 00N028432

MSDS Number: BMXWZ

### **Responsible Party**

CANTOL, INC.

2211 NORTH AMERICAN STREET

PHILADELPHIA , PA 19133

US

Emergency Phone: 215-425-1911

Info Phone: 215-425-1966

Preparer: RICHARD J. PETSCHKE

Cage: 58380

### **Contractor**

CANTOL, INC.

PHILADELPHIA, PA 19133-3306

US

215-425-1966

Cage: 58380

### **Ingredients**

1,1,1-TRICHLOROETHANE; (METHYL CHLOROFORM)

CAS: 71-55-6

RTECS: KJ2975000

Fraction By Weight: >1%

OSHA PEL350 PPM;450 PPM STEL

ACGIH TLV: 350 PPM;450 PPM STEL

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

CARBON DIOXIDE

CAS: 124-38-9

RTECS: FF6400000

Fraction By Weight: >1%

OSHA PEL5000 PPM

ACGIH TLV: 5000PPM/30000STEL;93

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:(ACUTE) EYES:IRRIT. SKIN:PRLNGD CONT CAN DEFAT SKIN & CAUSE IRRIT. VAP IRRIT ON PRLNGD INHAL.

INGEST:IRRIT OF DIGESTIVE TRACT. (CHRONIC) NONE KNOWN. CHLOROCARBON MATLS HAVE PRODUCED SENSIT OF MYOCARDI UM TO EPINEPHRINE IN LAB ANIMALS & COULD HAVE SIMILAR EFT IN HUMANS. ADRENOMIMETICS (E.G. EPINEPHRINE) MAY (SUPP DATA)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:EYES: BURNING, TEARING, REDNESS. SKIN: REDNESS, RASH. PROLONGED INHALATION: DROWSINESS, DIZZINESS, FATIGUE, IRREGULAR HEARTBEAT. INGESTION: SAME AS INHALATION.

Medical Cond Aggravated by Exposure:PROLONGED AND REPEATED INHAL OF VAPORS MAY EFFECT THE BREATHING OF PERSONS WITH ASTHMA-LIKE CONDITIONS. PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO EFFECTS OF THIS MATL.

## First Aid

First Aid:INHAL: REMOVE TO FRESH AIR. EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTN. INGEST: IF SWALLOWED, INDUCE VOMITING BY STICKING FINGER DOWN THROAT. CALL MD. SKIN: WASH WITH SOAP AND WATER.

## Fire Fighting

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:]

Lower Limits:NONE

Upper Limits:NONE

Extinguishing Media:WATER FOG, CO\*2, FOAM, DRY CHEMICAL.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD PRESS DMD SCBA & FULL PROT EQUIP . KEEP CNTNRS COOL. USE SHIELDING TO PROT PERS AGAINST BURSTING, RUPTURING/VENTING CNTNRS.

Unusual Fire/Explosion Hazard:AT ELELATED TEMPS (OVER 130F) CAN MAY BURST, VENT OR RUPTURE. THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE HCL & PHOSGENE .

## Accidental Release

Spill Release Procedures:VENTILATE AREA. REMOVE SOURCES OF FLAMES, SPARK OR HEAT. SOAK UP SPILL WITH ABSORBENT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:DO NOT EXPOSE TO HEAT/STORE AT TEMPS EXCEEDING 120F (49C). CAUTION: CONTENTS UNDER PRESS. USE IN WELL VENT AREAS. AVOID BRTHG VAPS.

Other Precautions:AVOID CONT WITH SKIN & EYES. KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL & INSTITUTIONAL USE ONLY. READ & FOLLOW ALL LABEL DIRECTIONS & PREC. NO SMOKING IN AREA OF USE. DO NOT USE IN GENERAL VICINIT Y OF ARC WELDING, OPEN FLAMES(SUPP DATA)

## Exposure Controls

Respiratory Protection:NONE - USE WITH ADEQ VENT. NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:LOCAL EXHAUST: NORMAL VENTILATION.

Protective Gloves:RUBBER, NEOPRENE.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:NONE

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

HLTH HAZ: BE CONTRAINDICATED EXCEPT FOR LIFE-SUSTAINING USES IN HUMANS ACUTELY OR CHRONICALLY EXPOSED TO CHLOROCARBONS . OTHER PREC: OR HOT SURFACES. HEAT AND/OR UV RADIATION MAY CAUSE THE FORMATION OF HCL AND/OR PHOSGENE .

## Chemical Properties

Boiling Pt:B.P. Text:163F,73C  
Vapor Pres:100 @ 20C  
Vapor Density:>1  
Spec Gravity:1.32  
Evaporation Rate & Reference:>1 (BUTYL ACETATE = 1)  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:AEROSOL LIQUID SPRAY WITH A MILD ODOR.

## Stability

Stability Indicator/Materials to Avoid:NO  
STRONG ACIDS, ALKALI, OR OXIDIZING AGENTS.  
Stability Condition to Avoid:HEAT - DO NOT EXPOSE TO TEMPERATURES ABOVE 130F (54C).  
Hazardous Decomposition Products:BURNING MAY YIELD CO, CO\*2, PHOSGENE AND/OR HYDROGEN CHLORIDE.

## Disposal

Waste Disposal Methods:DO NOT PUNCTURE OR INCIN CNTNRS. GIVE TO DISPOSE SERVICE EQUIPPED TO SAFELY HANDLE & DISPOSE OF PRESSURIZED CNTNRS. DISCARD USED ABSORB IN PROPER RECEPTACLE FOR LANDFILL. DISPOSE OF LIQUID AS HAZ WASTE IN ACCORDANCE WITH FEDERAL, STATE & LOCAL REGS.

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