

CARBON DIOXIDE EXTINGUISHER

MSDS Number

BGTLL

National Stock Number

4210-01-290-1122

Product Name

CARBON DIOXIDE EXTINGUISHER

Manufacturer

AMEREX CORP

Product Identification

Product ID: CARBON DIOXIDE EXTINGUISHER

MSDS Date: 08/01/1991

FSC: 4210

NIIN: 01-290-1122

MSDS Number: BGTLL

Responsible Party

AMEREX CORPORATION

7595 GADSDEN HWY E

TRUSSVILLE, AL 35173-0081

US

Emergency Phone: 205-655-3271, 800-424-9300 (CHEMTREC)

Info Phone: 205-655-3271

Cage: 54905

Contractor

AMEREX CORPORATION

81

TRUSSVILLE, AL 35173-0081

US

205-655-3271

Cage: 54905

Ingredients

CARBON DIOXIDE

CAS: 124-38-9

RTECS: FF6400000

Fraction By Weight: 100%

OSHA PEL 5000 PPM

ACGIH TLV: 5000PPM/30000STEL;93

Hazards

Routes of Entry: Inhalation: YES Skin: YES Ingestion: NO

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

Health Hazards Acute and Chronic: EYES: CONTACT WITH LIQUID OR SOLID

CARBON DIOXIDE WILL CAUSE BURNS, FROSTBITE, OR BLINDNESS. SKIN:

CONTACT WITH LIQUID OR SOLID WILL CAUSE BURNS OR FROSTBITE.

INHALATION: SLIGHTLY TOXIC ASPHYXIANT. HIGH CONCENTRATIONS CAN

PARALYZE RESPIRATORY CENTER. UNCONSCIOUSNESS AND DEATH MAY RESULT.

INGESTION: NOT LIKELY TO OCCUR.

Effects of Overexposure:EYES: BURNS, FROSTBITE, BLINDNESS. SKIN: BURNS, FROSTBITE. INHALATION: ASPHYXIATION, UNCONSCIOUSNESS, DEATH. INGESTION: NOT LIKELY TO OCCUR.

Medical Cond Aggravated by Exposure:NONE KNOWN.

First Aid

First Aid:EYES: TREAT AS FROSTBITE. GET MEDICAL ATTENTION. SKIN: TREAT EXPOSED AREAS AS FROSTBITE. GET MEDICAL ATTENTION. INHALATION: PROVIDE FRESH AIR OR OXYGEN. IF SYMPTOMS PERSISTS, GET MEDICAL ATTENTION. IN GESTION: TREAT AREAS EXPOSED AS FROSTBITE. GET MEDICAL ATTENTION.

Fire Fighting

Flash Point:NONE

Extinguishing Media:USE MEDIA FOR SURROUNDING FIRE. THIS PRODUCT IS EXTINGUISHING MEDIA.

Fire Fighting Procedures:NONE.

Unusual Fire/Explosion Hazard:NONE.

Accidental Release

Spill Release Procedures:LEAKS WILL DISSIPATE RAPIDLY AND HARMLESSLY TO ATMOSPHERE. FOR CONFINED AREAS REMOVE ALL PERSONNEL AND VENTILATE AREA. VENT TO ATMOSPHERE IN OPEN AREA.

Neutralizing Agent:NONE.

Handling

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM DIRECT HEAT OR OPEN FLAME.

Other Precautions:NONE.

Exposure Controls

Respiratory Protection:NONE EXPECTED TO BE NEEDED. USE SELF-CONTAINED BREATHING APPARATUS OR AIR-LINE RESPIRATOR WHEN CARBON DIOXIDE HAS BEEN RELEASED AND HAS DIMINISHED THE OXYGEN CONTENT BELOW 19%.

Ventilation:NORMAL ROOM VENTILATION NORMALLY SUFFICIENT.

Protective Gloves:INSULATED IF HANDLING LIQUID OR SOLID.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:NONE REQUIRED.

Work Hygienic Practices:USE GOOD PERSONAL HYGIENE AND GOOD HOUSEKEEPING PRACTICES.

Supplemental Safety and Health

Chemical Properties

HCC:G3

Boiling Pt:B.P. Text:-109F,-78C

Vapor Density:1.52

Evaporation Rate & Reference:HIGH

Solubility in Water:0.8 V/V

Appearance and Odor:CARBON DIOXIDE IS COLORLESS LIQUID OR GAS. NO ODOR.

Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES

CHEMICALLY ACTIVE METALS SUCH AS SODIUM, POTASSIUM, HOT TITANIUM.

Stability Condition to Avoid:NONE.

Hazardous Decomposition Products:NONE

Conditions to Avoid Polymerization:WILL NOT OCCUR.

Disposal

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

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 this information to be accurate and disclaims all liability for its use. Any person utilizing this

document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.