

AUTOMATIC SPRINKLER CORP OF AMERICA DIV OF FIGGIE -- CARBON DIOXIDE,FIRE
EXTINGUISHER SYSTEM PRE -- 4210-00-251-7491

===== Product Identification =====

Product ID:CARBON DIOXIDE,FIRE EXTINGUISHER SYSTEM PRE

MSDS Date:10/28/1988

FSC:4210

NIIN:00-251-7491

MSDS Number: BKCDM

=== Responsible Party ===

Company Name:AUTOMATIC SPRINKLER CORP OF AMERICA DIV OF FIGGIE

Address:1000 E. EDGERTON RD

Box:180

C

City:CLEVELAND

State:OH

ZIP:44147

Country:US

Emergency Phone Num:216-526-9900/FAX 216-838-5137

CAGE:04826

=== Contractor Identification ===

Company Name:ASCOA FIRE SYSTEMS

Address:1000 EAST EDGERTON ROAD

Box:City:CLEVELAND

State:OH

ZIP:44130

Country:US

Phone:216-526-8980 FAX:216-838-5137

CAGE:0FY71

Company Name:AUTOMATIC SPRINKLER CORP OF AMERICA DIV OF FIGGIE

Address:1000 E. EDGERTON RD

Box:418012

City:CLEVELAND

State:OH

ZIP:44141-8012

Country:US

Phone:216-526-8980/800-424-9300(CHEMTREC)

CAGE:04

=====
Composition/Information on Ingredients
=====

Ingred Name:CARBON DIOXIDE
CAS:124-38-9
RTECS #:FF6400000
Other REC Limits:NONE SPECIFIED
OSHA PEL:5000 PPM
ACGIH TLV:5000PPM/30000STEL;93

=====
Hazards Identification
=====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS UNKNOWN.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Effects of Overexposure:SEE HEALTH HAZARDS SECTION.
Medical
Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

=====
First Aid Measures
=====

First Aid:GET MEDICAL ATTENTION.INHALATION:REMOVE TO FRESH AIR
QUICKLY.GIVE CPR/OXYGEN IF NEEDED.EYES:IMMEDIATELY FLUSH WITH
PLENTY OF TEPID WATER/STERILE SALINE.SKIN:FLUSH WITH LUKEWARM
WATER.DO NOT USE HOT WA TER.PROMPT MEDICAL ATTENTION IS MANDATORY
IN ALL CASES OF OVEREXPOSURE TO CO2.RESCUE PERSONNEL SHOULD BE
EQUIPPED WITH SELF CONTAINED BREA
THING APPARATUS.

=====
Fire Fighting Measures
=====

Flash Point:NONE
Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:EXPOSURE TO FIRE/OVERHEATING CAN CAUSE
CARBON DIOXIDE CYLINDERS TO BURST.IT IS NOT EFFECTIVE FOR USE ON
FIRES

INVOLVING CHEMICALS THAT HAVE THEIR OWN OXYGEN.

===== Accidental Release Measures =====

Spill Release Procedures:EVACUATE ALL PERSONNEL FROM AREA. USE APPROPRIATE PROTECTIVE EQUIPMENT. PROVIDE VENTILATION TO AREA AND AVOID CONTACT WITH SOLID OR LIQUID AND EXCESSIVE INHALATION OF VAPOR. VALVE OFF CARBON DIOXIDE SUPPLY FROM LEAKING OR BROKEN COMPONENTS.

Neutralizing Agent:NOT APPLICABLE.

===== Handling and Storage =====
=====

Handling and Storage Precautions:STORE IN A COOL, DRY, VENTILATED PLACE. DO NOT INSTALL STORAGE VESSELS IN SUB SURFACE, CLOSED AREA OR NEAR HEAT/FLAME.

Other Precautions:AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES OR SKIN. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:POSITIVE PRESSURE AIR LINE WITH FULL FACE PIECE AND ESCAPE AIR SUPPLY OR SELF CONTAINED BREATHING APPARATUS SHOULD BE AVAILABLE FOR EMERGENCY USE.

Ventilation:SUFFICIENT TO PREVENT ACCUMULATION ABOVE TLV. LOCAL EXHAUST SHOULD BE LOCATED NEAR THE FLOOR.

Protective Gloves:INSULATED AND COLD RESISTANT

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED. SAFETY SHOES.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND R

ECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:G3

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:DIRECT HEAT AND SEVERE IMPACT TO PRESSURIZED CYLINDERS

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

===== Disposal Considerations =====

Waste Disposal Methods:CONTAMINA

TED AREA SHOULD BE VENTILATED

THOROUGHLY. SOLID CARBON DIOXIDE SHOULD BE REMOVED OUT OF DOORS AND ALLOWED TO SUBLIMATE.ALLOW GAS TO BLEED OFF AT A MODERATE RATE.

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 u

tilizing this

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