

AUTOMATIC SPRINKLER CORP OF AMERICA DIV OF FIGGIE -- CARBON DIOXIDE,FIRE  
EXTINGUISHER SYSTEM PRE -- 4210-00-270-4512

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

Product ID:CARBON DIOXIDE,FIRE EXTINGUISHER SYSTEM PRE

MSDS Date:10/28/1988

FSC:4210

NIIN:00-270-4512

MSDS Number: BRDJF

=== 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

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

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

Phon

e:216-526-8980/800-424-9300(CHEMTREC)  
CAGE:04826  
Company Name:FIGGIE INTERNATIONAL INC.  
Address:4420 SHERWIN ROAD  
Box:City:WILLOUGHBY  
State:OH  
ZIP:44094-7938  
Country:US  
Phone:216-946-9000  
CAGE:34597

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

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Hazards Identification  
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LD50 LC50 Mixture:OR  
AL LD50 (RAT) IS UNKNOWN.  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:MFR SAID "NOT APPLICABLE", AND  
DESCRIBED THE PHYSICAL HAZARDS OF RUPTURE DUE TO OVER  
PRESSURIZATION AND PROPELLSION ASSOCIATED WITH PRESSURIZED  
CYLINDERS. HMIS:CARBON DIOXIDE MAY CONCENTRATE AND CAUSE  
ASPHIXIATION IF RELEASED IN ENCLOSED PLACES.  
Explanation of Carcinogenicity:THE PRODUCT CONTAINS NO INGREDIENT AT  
0.1% OR GREATER THAT IS LISTED BY IARC, NTP OR OSHA  
AS A  
CARCINOGEN.  
Effects of Overexposure:MFR SAID "NOT APPLICABLE". HMIS:CARBON DIOXIDE  
MAY CONCENTRATE AND CAUSE ASPHIXIATION IF RELEASED IN ENCLOSED  
PLACES. SYMPTOMS ARE RAPID BREATHING, DIZZINESS, HEADACHE, LOSS OF  
CONSCIOUSNESS.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

=====  
First Aid Measures  
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First Aid:MFR: "IN EVENT OF PHYSICAL INJURY, TAKE APPROPRIATE FIRST AID  
OR MEDICAL MEASURES." HMIS:INHALED

: REMOVE FROM EXPOSURE. RESTORE  
BREATHING OR GIV OXYGEN AS NEEDED. GET MEDICAL ATTENTION.

=====  
Fire Fighting Measures  
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Extinguishing Media:MFR SAID "NOT APPLICABLE" HMIS: USE MEDIA  
APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:AVOID DIRECT HEAT AND SEVERE IMPACT TO  
PRESSURIZED CYLINDERS.

Unusual Fire/Explosion Hazard:EXPOSURE TO FIRE/OVERHEATING CAN CAUSE  
CARBON DIOXIDE CYLINDERS TO RUPTURE.

=====  
Accidental Release Measures  
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Spill Release Procedures:"REFER TO MSDS FOR CARBON DIOXIDE. CYLINDERS  
SHOULD BE REFILLED ONLY BY TRAINED PERSONNEL." HMIS: EVACUATE AND  
VENTILATE AREA.

Neutralizing Agent:NOT APPLICABLE.

=====  
Handling and Storage  
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Handling and Storage Precautions:HANDLE, TRANSPORT AND STORE CAREFULLY  
AND SECURLY TO AVOID ACCIDENTAL KNOCKING OVER OR OTHER SEVERE  
PHYSICAL IMPACTS. DO NOT EXPOSE TO DIRECT HEAT.

Other Pre

cautions:DO NOT OVER PRESSURIZE. VALVE CAPS, SAFETY PLUGS  
AND/OR PULL PINS SHOULD REMAIN ON CYLINDERS NOT CONNECTED FOR USE.

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Exposure Controls/Personal Protection  
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Respiratory Protection:NONE

Ventilation:MFR SAID "NOT APPLICABLE"

Protective Gloves:LEATHER GLOVES FOR HANDLING CYLINDERS

Eye Protection:EYE PROTECTION IS RECOMMENDED

Other Protective Equipment:SAFETY SHOES ARE RECOMMENDED FOR HANDLING  
CYLINDERS.

Work Hygienic Practices:MFR:"NOT APPLICABLE" HMIS:  
USE GOOD INDUSTRIAL

HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT.

Supplemental Safety and Health

KEY2:KT ASCOA SUPPLIED MSDS FOR CARBON DIOXIDE FROM CARDOX AND THE  
ABOVE DOCUMENT FOR USE OF THEIR SYSTEM.

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Physical/Chemical Properties  
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HCC:G3

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES  
"NOT APPLICABLE"

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

LINDERS

Hazardous Decomposition Products:SUPPLIER DIDN'T ADDRESS THIS FIELD.

Conditions to Avoid Polymerization:"NOT APPLICABLE"

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

Waste Disposal Methods:MFR SAID "NOT APPLICABLE" HMIS: DISPOSE I/A/W  
FEDERAL, STATE & LOCAL REGULATIONS.

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