

FLAG FIRE INC -- FIRE EXTINGUISHER CARBON DIOXIDE -- 4210-00-203-0217

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Product Identification
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Product ID:FIRE EXTINGUISHER CARBON DIOXIDE

MSDS Date:09/26/1995

FSC:4210

NIIN:00-203-0217

MSDS Number: BLLTM

=== Responsible Party ===

Company Name:FLAG FIRE INC

Address:5655 OPPORTUNITY DR

City:TOLEDO

State:OH

ZIP:43612-1491

Country:US

Info Phone Num:419-269-1800

Emergency Phone Num:519-727-67

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Preparer's Name:HEALTH & SAFETY

CAGE:0KS85

=== Contractor Identification ===

Company Name:FLAG FIRE INC

Address:5655 OPPORTUNITY DR

Box:City:TOLEDO

State:OH

ZIP:43612

Country:US

Phone:419-269-1800

CAGE:0KS85

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Composition/Information on Ingredients
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Ingred Name:CARBON DIOXIDE

CAS:124-38-9

RTECS #:FF6400000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5000 PPM

ACGIH TLV:5000PPM/30000STEL;96

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Hazards Identification
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:NONE SPECIFIED BY MFR. CARBON DIOXIDE IS A SIMPLE ASPHYXIANT, MAINTAIN OXYGEN CONCENTRATION ABOVE 19.5%. FROSTBITE MAY OCCUR FROM LIQUID/SOLID CARBON DIOXIDE CONTACT. CHRONIC: NONE KNOWN.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:ASPHYXIATION-DYSPNEA, HEADACHE, DIZZINESS, SWEATING, RESTLESSNESS, PARATHESIAS, GENERAL DISCOMFORT, UNCONSCIOUSNESS. FROSTBITE: RED TO WHITE SKIN, BLISTERS, NUMBNESS, SKIN MAY THEN TURN DARK.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:IN ALL CASES GET MEDICAL ATTENTION. EYES-IF FROSTBITE; FLUSH WITH WARM WATER

FOR 15 MINUTES. SKIN-ALLOW AFFECTED PARTS TO THAW.

INHALED-REMOVE TO FRESH AIR. ADMINISTER OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. INGESTED-MAINTAIN BREATHING. GET IMMEDIATE EMERGENCY MEDICAL ATTENTION.

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

Flash Point:NON-FLAMMABLE

Extinguishing Media:NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER. DLA-HMIS:WEAR SELF-CONTAINED BREATHING APPARATUS & FULL FIRE FIGHTER'S PROTECTIVE GEAR. USE WATER TO COOL FIRE EXPOSED CONTAINER

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:VENTILATE AREA BEFORE ENTERING.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID CONTAINER DAMAGE. STORE IN A

COOL, DRY PLACE BELOW 52C (126F).
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:DLA-HMIS:NONE NORMALLY REQUIRED. IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.1 34.

Ventilation:ADEQUATE VENTILATION OR FRESH AIR SUPPLY AT RECHARGE STATION.

Protective Gloves:NONE NORMALLY REQUIRED.

Eye Protection:NONE NORMALLY REQUIRED.

Other Protective Equipment:NONE NORMALLY REQUIRED.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

MSDS PRESENTED BY CAGE 0KS85 FOR CONTRACT NUMBER SP0700-96-D-1026.

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

HCC:G3

Melt/Freeze Pt:M.P/F.P Text:-110F,-79C

Vapor Pres:5824 KPA

Vapor Density:1.53

Appearance and Odor:COLORLESS AND ODORLESS GAS.

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

Stability Indicator/Materials to Avoid:YES
NONE.

Stability Condition to Avoid:AVOID HIGH TEMPERATURES. IN THE PRESENCE OF MOISTURE, FORMS CARBONIC ACID WHICH MAY CORRODE SOME METALS.

Hazardous Decomposition Products:NONE.

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

Waste Disposal Methods:NO RESIDUAL WASTE.

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