

FLAG FIRE INC -- FIRE EXTINGUISHER CARBON DIOXIDE (CO2) -- 4210-01-388-7854

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Product Identification  
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Product ID:FIRE EXTINGUISHER CARBON DIOXIDE (CO2)

MSDS Date:01/18/1999

FSC:4210

NIIN:01-388-7854

Status Code:A

MSDS Number: CJKPM

=== Responsible Party ===

Company Name:FLAG FIRE INC

Address:5655 OPPORTUNITY DRIVE

City:TOLEDO

State:OH

ZIP:43612

Country:US

Info Phone Num:419-269-1800

Emer

gency Phone Num:519-727-6722

Resp. Party Other MSDS Num.:MSDS CONTROL# 503-00MS

CAGE:TO224

=== Contractor Identification ===

Company Name:FLAG FIRE INC

Address:5655 OPPORTUNITY DRIVE

Box:City:TOLEDO

State:OH

ZIP:43612

Country:US

Phone:419-269-1800

CAGE:TO224

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Composition/Information on Ingredients  
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Ingred Name:CARBON DIOXIDE

CAS:124-38-9

RTECS #:FF6400000

= Wt:1.

OSHA PEL:9000 MG/M3;5000 PPM

ACGIH TLV:9000 MG/M3;5000 PPM

ACGIH STEL:54000 MG/M3

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Hazards Identification =====

LD50 LC50 Mixture:NOT PROVIDED

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

Health Hazards Acute and Chronic:ACUTE: EYE AND SKIN: ESCAPING LIQUID TRANSFORMS TO VERY COLD SOLID AND GAS (-78C) WHICH MAY CAUSE FROSTBITE. CHRONIC: NO KNOWN CHRONIC EFFECTS TO REPEATED EXPOSURES OF LOW CONCENTRATIONS.

Effects of Overexposure:ACUTE: EYE AND SKIN: ESCAPING LIQUID TRANSFORMS TO VERY COLD SOLID AND GAS (-78C) WHICH MAY CAUSE FROSTBITE.

CHRONIC: NO KNOWN CHRONIC EFFECTS TO REPEATED EXPOSURES OF LOW CONCENTRATIONS.

Medical Cond Aggravated by Exposure:NOT PROVIDED

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

First Aid:INHALATION: REMOVE VICTIM TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. ENSURE THAT VOMIT HAS NOT OBSTRUCTED AIRWAY. OBTAIN MEDICAL ATTENTION IMMEDIATELY. INGESTION: MAINTAIN BREATHING AND OBTAIN MEDICAL ATTENTION. EYES: FOR FROSTBITE, RINSE WITH

COLD WARM WATER FOR 15 MINUTES AND OBTAIN IMMEDIATE MEDICAL ATTENTION. SKIN: FOR FROSTBITE, ALLOW AFFECTED BODY PARTS TO THAW. OBTAIN MEDICAL ATTENTION AS SOON AS POSSIBLE.

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

Flash Point:NON-FLAMMABLE

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

Spill Release Procedures:VENTILATE AREA BEFORE ENTERING.

Neutralizing Agent:NOT PROVIDED.

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

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Handling and Storage Precautions:AVOID CONTAINER DAMAGE. STORE IN COOL, DRY AREAS NOT ABOVE 52C.

Other Precautions:USE ADEQUATE VENTILATION OR A FRESH AIR SUPPLY AT RECHARGE STATION.

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

Respiratory Protection:IN HIGH CONCENTRATION LEVELS FOR EXTENDED LENGTHS, USE APPROVED FULL FACE VAPOUR RESPIRATOR.

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

Protective Gloves:NONE REQUIRED

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Eye Protection:NONE REQUIRED  
Other Protective Equipment:NONE SPECIFIED  
Work Hygienic Practices:NONE SPECIFIED  
Supplemental Safety and Health  
NONE PROVIDED

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

HCC:G3  
Melt/Freeze Pt:M.P/F.P Text:AT-78.5C SUBLIMES AT 1ATM  
Vapor Pres:5824KPA AT 21C  
Vapor Density:1.53  
Spec Gravity:0.713  
Appearance and Odor:COLORLESS AND ODORLESS GAS

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

Stability Indicator/Materials to  
Avoid:YES  
Stability Condition to Avoid:AVOID HIGH TEMPERATURES. IN THE PRESENCE  
OF MOISTURE, WILL FORM CARONIC ACID WHICH MAY CORRODE SOME METALS.  
Hazardous Decomposition Products:NONE

===== Toxicological Information =====

Toxicological Information:ESCAPING LIQUID TRANSFORMS TO VERY COLD SOLID  
AND GAS (-78C) WHICH MAY CAUSE FROSTBITE.

===== Ecological Information =====

Ecological:NOT PROVIDED

===== Dispos  
al Considerations =====

Waste Disposal Methods:NO RESIDUAL WASTE.

===== MSDS Transport Information =====

Transport Information:AVOID CONTAINER DAMAGE.

===== Other Information =====

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