

BUCKEYE FIRE EQUIPMENT CO -- CARBON DIOXIDE (CO2) -- 4210-00-203-0341

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

Product ID:CARBON DIOXIDE (CO2)
MSDS Date:01/01/1998
FSC:4210
NIIN:00-203-0341
Status Code:A
MSDS Number: CHVSS
=== Responsible Party ===
Company Name:BUCKEYE FIRE EQUIPMENT CO
Address:102 INDUSTRIAL DRIVE
City:KINGS MOUNTAIN
State:NC
ZIP:28086
Country:US
Info Phone Num:704-739-7415
Emergency
Phone Num:704-739-7415,800-424-9300(CHEMTREC)
Preparer's Name:NONE
CAGE:57658
=== Contractor Identification ===
Company Name:BUCKEYE FIRE EQUIPMENT CO
Address:110 KINGS RD
Box:428
City:KINGS MOUNTAIN
State:NC
ZIP:28086
Country:US
Phone:704-739-7415
CAGE:57658

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

Ingred Name:CARBON DIOXIDE
CAS:124-38-9
RTECS #:FF6400000
Fraction by Wt: 100%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10,000 PPM
ACGIH TLV:5000PPM/30000STEL;94

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===== 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

Health Hazards Acute and Chronic:ACUTE: DIRECT CONTACT WITH LIQUID OR SOLID WILL CAUSE BURNS, FROSTBITE, BLINDNESS. PRODUCT IS AN ASPHYXIANT, DISPLACES OXYGEN. EXPOSURE TO HIGH CONCENTRATIONS CAN PARALYZE THE RESPIRATORY CENTER. INCREASED INHALATION WILL CAUSE

INCREASED BREATHING RATE. UNCONSCIOUSNESS AND DEATH MAY RESULT. CHRONIC: NONE SPECIFIED.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:BURNS, FROSTBITE, BLINDNESS, INCREASED BREATHING RATE, HEADACHE, DIZZINESS, DROWSINESS, CONVULSIONS, UNCONSCIOUSNESS, ASPHYXIATION, DEATH.

Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:TREAT AREAS EXPOSED TO SOLID OR LIQUID CARBON DIOXIDE AS FROSTBITE.

GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. IF BREATHING DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION.

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

Extinguishing Media:THIS MATERIAL IS AN EXTINGUISHING AGENT.

Fire Fighting Procedures:NONE

Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:RELEASED GAS WILL DISSIPATE RAPIDLY AND HARMLESSLY TO

ATMOSPHERE, IN OPEN AREAS. FOR CONFINED AREAS, MOVE ALL PERSONNEL AND VENTILATE AREA. VENT TO ATMOSPHERE IN OPEN AREA.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE AWAY FROM DIRECT HEAT OR FLAME.

Other Precautions:NONE

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

Respiratory Protection:USE SELF-CONTAINED BREATHING APPARATUS OR AIRLINE RESPIRATORS WITH

HEN CARBON DIOXIDE HAS BEEN RELEASED AND HAS
DIMINISHED THE OXYGEN CONTENT BELOW 19%.
Ventilation:MECHANICAL AND LOCAL EXHAUST ARE RECOMMENDED.
Protective Gloves:INSULATED WHEN HANDLING LIQUID OR SOLID.
Eye Protection:WEAR SAFETY GLASSES.
Other Protective Equipment:NONE REQUIRED.
Work Hygienic Practices:USE GOOD HYGIENE AND GOOD HOUSEKEEPING
PRACTICES.
Supplemental Safety and Health
NONE

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

HCC:G3
Boiling Pt:B.P. Text:-1
09F,-78C
Vapor Pres:GAS AT 70F
Vapor Density:1.52
Evaporation Rate & Reference:HIGH
Solubility in Water:SLIGHT
Appearance and Odor:COLORLESS LIQUID OR GAS. NO ODOR.
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER.
Stability Condition to Avoid:NONE
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:VENT TO ATMOSPHERE IN OPEN AREA.

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