

BUCKEYE FIRE EQUIPMENT CO -- CARBON DIOXIDE (CO2) -- 4210-00-203-0217

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Product Identification
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Product ID:CARBON DIOXIDE (CO2)
MSDS Date:12/01/1990
FSC:4210
NIIN:00-203-0217
MSDS Number: BXWLF
=== Responsible Party ===
Company Name:BUCKEYE FIRE EQUIPMENT CO
Address:102 INDUSTRIAL DR
City:KINGS MOUNTAIN
State:NC
ZIP:28086
Country:US
Info Phone Num:704-739-7415
Emergency Phone Num:704-739-7415
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

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Composition/Information on Ingredients
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Ingred Name:CARBON DIOXIDE
CAS:124-38-9
RTECS #:FF6400000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5000 PPM
ACGIH TLV:5000PPM/30000STEL;95

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Hazards Identification
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Routes of Entry: I

Inhalation: YES Skin: NO 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 OR BLINDNESS. CARBON DIOXIDE IS AN ASPHYXIANT (DISPLACES OXYGEN). CHRONIC: NONE SPECIFIED BY MANUFACTURER.

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

Effects of Overexposure: INHALED-SHORTNESS OF BREATH

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INHALATION RATE, UNCONSCIOUSNESS, POSSIBLE DEATH. CONTACT (SKIN, EYES): BURNS, FROSTBITE, PAIN.

Medical Condition Aggravated by Exposure: NONE KNOWN.

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First Aid Measures
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First Aid: SKIN/EYES-TREAT AREA EXPOSED TO SOLID OR LIQUID AS FROSTBITE. GET IMMEDIATE MEDICAL ATTENTION. INHALED-REMOVE TO FRESH AIR. RESTORE BREATHING IF REQUIRED. GET MEDICAL ATTENTION.

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Fire Fighting Measures
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Extinguishing Media: NONE, THIS MATERIAL IS AN EXTINGUISHING AGENT. DLA-HMIS: USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures: NONE. DLA-HMIS: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard: NONE.

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Accidental Release Measures
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Spill Release Procedures: RELEASED GAS WILL DISSIPATE RAPIDLY AND HARMLESSLY TO ATMOSPHERE, IN OPEN AREAS.

IN CONFINED OR ENCLOSED

AREAS, MOVE PERSONNEL AND VENTILATE AREA. VENT TO ATMOSPHERE.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Other Precautions: NONE.

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Exposure Controls/Personal Protection
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Respiratory Protection: IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPRO

VED AIR-SUPPLIED

RESPIRATOR OR SCBA, AS REQUIRED. USE IN ACCORDANCE WITH 29 CFR 1910.134 AND MANUFACTURE R'S RECOMMENDATIONS.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:USE INSULATED GLOVES IF LIQUID OR SOLID.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:NONE REQUIRED.

Work Hygienic Practices:USE GOOD HYGIENE AND GOOD HOUSEKEEPING PRACTICES.

Supplemental Safety and Health

CONTAINS 15 POUNDS, N

OMINAL.

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

HCC:G3

Boiling Pt:B.P. Text:-109F,-78C

Vapor Pres:GAS @ 70F

Vapor Density:1.52

Evaporation Rate & Reference:HIGH (N-BUTYL ACETATE=1)

Solubility in Water:SLIGHT

Appearance and Odor:COLORLESS LIQUID OR GAS; NO ODOR.

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURE

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Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DLA-HMIS: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS.

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