

CARBON DIOXIDE,REFRIGERATED LIQUID

MSDS Number

BKBWF

National Stock Number

4210-00-202-6465

Product Name

CARBON DIOXIDE,REFRIGERATED LIQUID

Manufacturer

ADM CORN PROCESSING

Product Identification

Product ID:CARBON DIOXIDE,REFRIGERATED LIQUID

MSDS Date:01/01/1991

FSC:4210

NIIN:00-202-6465

MSDS Number: BKBWF

Responsible Party

ADM CORN PROCESSING

4666 FARIES PARKWAY

DECATUR , IL 62526

US

Emergency Phone: 217-424-5608

Info Phone: 312-771-2990

Cage: KO593

Contractor

GENERAL FIRE EXTINGUISHER CORP

NORTHBROOK, IL 60062-5315

US

(708) 847-272-7500; 847-272-7500

Cage: 99539

Ingredients

CARBON DIOXIDE

CAS: 124-38-9

RTECS: FF6400000

Fraction By Weight: 99.9%

OSHA PEL5000 PPM

ACGIH TLV: 5000PPM/30000STEL;93

Hazards

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

Effects of Overexposure:SEE HEALTH HAZARDS SECTION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:GET MEDICAL ATTENTION.INHALATION:REMOVE TO FRESH AIR.GIVE CPR/OXYGEN IF NEEDED.EYES:IMMEDIATELY FLUSH WITH PLENTY OF TEPID

WATER/STERILE SALINE.SKIN:FLUSH WITH LUKEWARM WATER.DO NOT USE HOT WATER.PROM PT MEDICAL ATTENTION IS MANDATORY IN ALL CASES OF OVEREXPOSURE TO CO2.RESCUE PERSONNEL SHOULD BE EQUIPPED WITH SELF CONTAINED BREATHING APPARATUS.

Fire Fighting

Flash Point:NONE

Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:CO2 IS A NON-FLAMMABLE INERT GAS. HOWEVER, EXPOSURE TO FIRE OR SEVERE OVERHEATING CAN CAUSE CARBON DIOXIDE CYLINDERS TO BURST.

Accidental Release

Spill Release Procedures:EVACUATE ALL PERSONNEL FROM AREA. USE APPROPRIATE PROTECTIVE EQUIPMENT. PROVIDE VENTILATION TO AREA AND AVOID CONTACT WITH SOLID OR LIQUID AND EXCESSIVE INHALATION OF VAPOR. VALVE OFF CARBON DIOXIDE SUPPLY FROM LEAKING OR BROKEN COMPONENTS.

Neutralizing Agent:NOT APPLICABLE.

Handling

Handling and Storage Precautions:STORE IN A COOL,DRY,VENTILATED PLACE.DO NOT INSTALL STORAGE VESSELS IN SUB SURFACE,CLOSED AREA OR NEAR HEAT/FLAME.

Other Precautions:AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES OR SKIN. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

Exposure Controls

Respiratory Protection:POSITIVE PRESSURE AIR LINE WITH FULL FACE PIECE AND ESCAPE AIR SUPPLY OR SELF CONTAINED BREATHING APPARATUS SHOULD BE AVAILABLE FOR EMERGENCY USE.

Ventilation:SUFFICIENT TO PREVENT ACCUMULATION ABOVE TLV. LOCAL EXHAUST SHOULD BE LOCATED NEAR THE FLOOR.

Protective Gloves:INSULATED AND COLD RESISTANT

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

Chemical Properties

HCC:G3

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

Melt/Freeze Pt:M.P/F.P Text:-109F,-78C

Vapor Pres:15056 @ 0F

Spec Gravity:1.65

Solubility in Water:1 TO 1 @ 60F & 1 ATM

Appearance and Odor:COLORLESS,ODORLESS GAS;MILKY WHITE SOLID;WATER WHITE LIQUID

Stability

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:NONE

Disposal

Waste Disposal Methods:CONTAMINATED AREA SHOULD BE VENTILATED THOROUGHLY. SOLID CARBON DIOXIDE SHOULD BE REMOVED OUT OF DOORS AND ALLOWED TO SUBLIMATE.

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