View NSN Online: https://aerobasegroup.com/nsn/4220-00-274-5816 SPARKLET DEVICES INC -- CARBON DIOXIDE -- 4220-00-274-5816 ============= Product Identification ======================== Product ID:CARBON DIOXIDE MSDS Date:04/01/1986 FSC:4220 NIIN:00-274-5816 MSDS Number: BKCDV === Responsible Party === Company Name: SPARKLET DEVICES INC Address:4400 GUSTINE AVE City:ST LOUIS State:MO ZIP:63116-1712 Country:US Info Phone Num:314-353-0400 Emergency Phone Num:314-353-0400 CAGE:87286 === Con tractor Identification === Company Name: SPARKLET DEVICES INC Address:4400 GUSTINE AVE Box:City:ST LOUIS State:MO ZIP:63116-1712 Country:US Phone:314-353-0400 CAGE:87286 ======= Composition/Information on Ingredients ======== Ingred Name: CARBON DIOXIDE CAS:124-38-9 RTECS #:FF6400000 Fraction by Wt: > 99.5%

Other REC Limits: NONE SPECIFIED

OSHA PEL:5000 PPM

ACGIH TLV:5000PPM/30000STEL;93

========= Hazards Identification =============

LD50 LC50 Mixture:100,000

PPM/1 MIN HUMAN INHALATION LCLO

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

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

Health Hazards Acute and Chronic:PRODUCT CAN CAUSE ASPHYXIATION BY DISPLACING OXYGEN. AT HIGH CONCENTRATIONS PARALYSIS OF THE RESPIRATORY CONTROL CENTER OF THE NERVOUS SYSTEM MAY OCCUR. UNCONSCIOUSNESS MAY OCCUR.

Explanation of Carcinogenicity:PRODUCT IS NOT CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.

Effects of Overexposure:LO

W CONCENTRATIONS MAY INCLUDE HEADACHE,

DIZZINESS, SHORTNESS OF BREATH, MUSCULAR WEAKNESS, DROWSINESS, RINGING IN EARS. HIGH CONCENTRATIONS MAY PRODUCE A FAINT ACIDIC TASTE AND PARALYSIS OF RESPIRATO RY SYSTEM. CONTACT WITH LIQUID OR SOLIDCARBON DIOXIDE MAY CAUSE FROSTBITE AND FREEZE BURNS.

Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid:IN CASE OF CONTACT WITH LIQUID OR SOLID, PRO MPTLY FLUSH AREAS

WITH TEPID WATER. DO NOT APPLY DIRECT HEAT. LOOSELY APPLY DRY STERILE BULKY DRESSINGS TO PROTECT AREA FROM INFECTION. GET MEDICAL ATTENTIO N. IN CASE OF INHALATION, REMOVE TO FRESH AIR. QUICKLY RESTORE AND/OR SUPPORT BREATHING. GET MEDICAL ATTENTION. CAUTION! WOULD-BE RESCUERS NEED TO BE CONCERNED WITH THEIR OWN SAFETY DURNIG RESCUE.

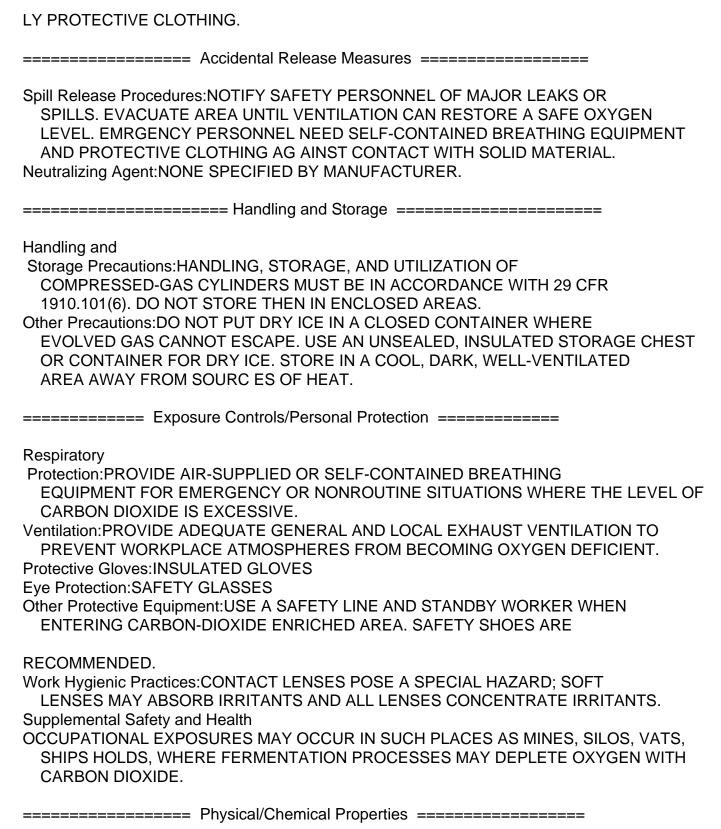
========= Fire Fighting Measures ==============

Flash Point:NONE
Lower Limits:NOT FOUND
Upper Limit
s:NOT FOUND

Extinguishing Media: USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS.

Fire Fighting Procedures:WATER MAY BE USED TO INCREASE THE RATE OF EVAPORATION. CARBON DIOXIDE IS A FIRE EXTINGUISHING AGENT BUT MAY NOT BE EFFECTIVE ON CHEMICALS THAT SUPPLY OXYGEN.

Unusual Fire/Explosion Hazard:WHEN EXPOSED TO FIRE, CONTAINERS MAY RUPTURE VIOLENTLY. FIRE FIGHTERS SHOULD USE SELF-CONTAINED BREATHING APPARATUS AND WEAR FUL



HCC:G3

Vapor Density:1.5

Boiling Pt:B.P. Text:109F,43C

Melt/Freeze Pt:M.P/F.P Text:NONE

Spec Gravity:1.53
Solubility in Water:APPRECIABLE
Appearance and Odor:COLORLESS GAS, CLEAR, COLORLESS, VOLATILE LIQUID,
ODORLESS, ACIDIC TASTE
Percent Volatiles by Volume:100 %

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

Stability Indicator/Materials to Avoid:YES
ACRYLALDEHYDE, ETHYLENIMINE, SODIUM PEROXIDE, ALUMINUM, MAGNESIUM,
TITANIUM, ZIRCONIUM, DIETHYL MAGNESIUM, CESIUM OXIDE
Stability Condition to Avoid:EXTREME HEAT, PHYSICAL DAMAGE
Hazardous Decompositio
n Products:CARBON MONOXIDE

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

Waste Disposal Methods:REMOVE SCRAP SOLID (DRY ICE), TAKE CYLINGER OUTDOORS OR PLACE IT IN A HOOD WITH GOOD FORCED VENTILATION. ALLOW GAS TO BE DISCHARGED AT A MODERATE RATE. CLOSE VALVE AND RETURN TO SUPPLIER.

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