View NSN Online: https://aerobasegroup.kr/nsn/4210-00-134-8958

Product ID:CARBON DIOXIDE

MSDS Date:01/25/1993

FSC:4210

NIIN:00-134-8958

MSDS Number: BNSXX === Responsible Party ===

Company Name: ANSUL FIRE PROTECTION, WORMALD U.S.INC.

Address: ONE STANTON STREET

City:MARINETTE

State:WI

ZIP:54143-2542 Country:US

Info Phone Num:715-735-7411...FAX 715-7

32-3477

Emergency Phone Num:715-735-7411...TOM LAWSON EXT 580

CAGE:03670

=== Contractor Identification === Company Name: ANSUL INC

Address: ONE STANTON STREET

Box:City:MARINETTE

State:WI

ZIP:54143-2542 Country:US

Phone:715-735-7411

CAGE:03670

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

Ingred Name: CARBON DIOXIDE

CAS:124-38-9

RTECS #:FF6400000 Fraction by Wt: 100%

Other REC Limits: NONE SPECIFIED

OSHA PEL:5000 PPM

ACGIH TLV:5000PPM/30000STEL;94

====== Haza

rde	Identification	

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-CONTACT WITH COLD VAPOR/SOLID CARBON DIOXIDE CAN CAUSE EYE/SKIN FROSTBITE AND FREEZE BURNS.
ASPHYXIANT BY INHALATION & HEAVIER THAN AIR. CAN CAUSE SUFFOCATION BY REDUCING OXYGEN AVAILABLE. BREAT HING HIGH CONCENTRATIONS WILL

CAUSE LIGH

THEADEDNESS, SHORTNESS OF BREATH. INGESTION IS UNLIKELY. CHRONIC-UNKNOWN.

Explanation of Carcinogenicity:MFR GAVE THE ABOVE LISTINGS ON THE MSDS BUT NO OTHER COMMENTS WERE RECORDED.

Effects of Overexposure:DIZZINESS, IMPAIRED COORDINATION, REDUCED MENTAL ACUITY, HEADACHES, TINNITUS, DIFFICULTY BREATHING, AND/OR DROWSINESS DEPENDING ON LENGTH OF EXPOSURE & CONCENTRATIONS.

Medical Cond Aggravated by Exposure: RESPIRATORY PROBLEMS

	First Aid Measures	======
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First Aid:IF ANY IRRITATION PERSISTS OR SEVERE, GET MEDICAL ATTENTION.
TREAT FOR FROSTBITE IF NECESSARY. EYE:FLUSH W/WATER FOR 15 MIN.
SKIN:WASH W/SOAP & WATER. INHALED:REMOVE FROM CONTAMINATED AREA. IF
SYMPTOM S OCCUR, CONSULT MEDICAL PERSONNEL. AIDOR RESTORE BREATHING
AS NEEDED. INGESTED:MFR GAVE NO INFORMATION ON MSDS.

=======================================	Fire Fighting Measures	=======================================
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Flash Point:NONE

Extinguishing Media:THIS IS AN EXTINGUISHING AGENT. HM IS:USE

EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures: NONE - THIS IS AN EXTINGUISHING AGENT.

Unusual Fire/Explosion Hazard:THOUGH GAS CYLINDERS ARE EQUIPPED WITH PRESSURE AND TEMPERATURE RELIEF DEVICES, THEY SHOULD BE REMOVED FROM HIGH TEMPERATURES OR FIRE TO AVOID RISK OF RUPTURE.

=======================================	Accidental	Release	Measures	============
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Spill Release Procedures: EVACUATE PERSONNEL. VENTILATE TO OUTSIDE ATMOSPHERE. COOL OR REMOVE HOT, M

ETAL SURFACES OR SOURCE OF NON- EXTINGUISHED FLAMES. Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.
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Handling and Storage Precautions:STORE IN A CEAN, DRY, WELL-VENTILATED AREA AWWAY FROM HEAT ABOVE 120F. STORE AS A COMPRESSED GAS IN DOT APPROVED VESSELS. Other Precautions:IF NOT ATTACHED TO A SYSTEM, CYLINDER/CARTRIDGE MUST BE SAFETY CAPPED TO PROTECT AGAINST VIOLENT VELLEL MOVEMENT OR FORCE OF EXCAPIN G GAS IF VALVE IS ACTUATED OR SEAL IS PUNCTURED. NOTE INCOMPATIBILIT Y INFORMATION.
====== Exposure Controls/Personal Protection ========
Respiratory Protection:NOT NORMALLY NECESSARY IF CONTROLS ARE ADEQUATE. IF TLV IS EXCEEDED OR IF EXPOSURE IS PROLONGED, A SELF-CONTAINED BREATHING APPARATUS IS RECOMMENDED. Ventilation:MECHANICAL (GENERAL) VENTILATION IS RECOMMENDED W/LOCAL EXHAUST RECOMMENDED FOR CONFINED SPACES. Protective Gloves:FOR CONTACT W/DRY ICE Eye Prot ection:CHEMICAL GOGGLES + FACE SHIELD Other Protective Equipment:PROTECTIVE CLOTHING FOR CONTACT W/DRY ICE. Work Hygienic Practices:MFR:?. HMIS:USE GOOD CHEMICAL HYGIENE PRACTICES. AVOID CONTACT IF AT ALL POSSIBLE. WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health NONE
========= Physical/Chemical Properties ==========
HCC:G3 NRC/State Lic Num:NONE Boiling Pt:B.P. Text:SUBLIMES Vapor Pres:830 PSI Vapor Density:1.5 Spec Gravity:1.98 Evaporation Rate & Evaporation Rate

Reference:GAS AT ROOM TEMPERATURE Solubility in Water:88ML/100 ML Appearance and Odor:COLORLESS GAS W/NO ODOR Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES REACTS VIGOROUSLY W/(AL+NA2O2), CS2O, LI, K, MG(C2H5) 2, (MG+NA2O), KHC2, NA, NA2C2, NAK, TI

Hazardous Decomposition Products: NONE Conditions to Avoid Polymerization: WILL NOT OCCUR.

Waste Disposal Methods:DISPOSE OF I/A/W FEDERAL, STATE & LOCAL REGULATIONS.

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