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PURITAN-BENNET CORPORATION -- CARBON DIOXIDE, CARBONIC ACID, CARBONIC ANHYDRIDE -- 8120-00-595-3698

Product ID:CARBON DIOXIDE, CARBONIC ACID, CARBONIC ANHYDRIDE

MSDS Date:09/01/1987

FSC:8120

NIIN:00-595-3698 Status Code:A

MSDS Number: CLJSR === Responsible Party ===

Company Name: PURITAN-BENNET CORPORATION

Address:10800 PFLUMM ROAD

City:LENEXA State:KS ZIP:66215 Country:US

Country:US CAGE:LO651

=== Contractor Identification ===

Company Name: PURITAN-BENNET CORPORATION

Address:10800 PFLUMM ROAD

Box:City:LENEXA

State:KS ZIP:66215 Country:US CAGE:LO651

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

Ingred Name: CARBON DIOXIDE

CAS:124-38-9

RTECS #:FF6400000

= Wt:99.5

OSHA PEL:5000 PPM

ACGIH TLV:9000 MG/M3;5000 PPM

ACGIH STEL:54000 MG/M3

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

LD50 LC50 Mixture:NO DATA PROVIDED BY MA

NUFACTURER Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic:HEADACHE, DIZZINESS, SHORTNESS OF BREATH, RESPIRATORY STIMULATION. CONCENTRATIONS ABOVE 17% ARE LIFE THREATENING Explanation of Carcinogenicity:NOT LISTED IN NTP OR IARC, NOT REGULATED AS A CARCINOGEN BY OSHA. Effects of Overexposure:HEADACHE, DIZZINESS, SHORTNESS OF BREATH, RESPIRATORY STIMULATION. CONCENTRATIONS ABOVE 17% ARE LIFE THREATENING Medical Cond Aggravated by Exposure: NO DATA PROVIDED BY MANUFACTURER
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First Aid:REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING HAS STOPPED, ADMINISTER ARTIFICIAL RESPIRATION. OBTAIN PROMPT MEDICAL ATTENTION. OBTAIN PROMPT MEDICAL ATTENTION
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Extinguishing Media:NON-FLAMMABLE, WILL NOT SUPPORT COMBUSTION Fire Fighting Procedures:KEEP CYLINDERS COOL WI TH WATER SPRAY
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Handling and Storage Precautions: CYLINDERS SHOULD NOT BE DROPPED. KEEP PROPERLY SECURED OR PROTECTED TO PREVENT CYLINDERS FROM BEING KNOCKED OVER. MATERIAL CAN BE STORED OUTSIDE. TEMPERATURE SHOULD BE KEPT BELOW 125 DEG F.

Other Precautions: CYLINDERS SHOULD BE STORED UPRIGHT

WITH VALVE CAP IN PLACE. CYLINDERS MUST NOT BE RECHARGED UNLESS BY OR WITH THE CONSENT OF THE PURITAN-BENNETT CORPORATION. ===== Exposure Controls/Personal Protection ======== Respiratory Protection: EMERGENCY PERSONNEL WILL REQUIRE SELF-CONTAINED BREATHING APPARATUS IF OXYGEN CONCENTRATION IS BELOW 19.5% BY VOLUME, CARBON DIOXDE GAS IS HEAVIER THAN AIR, GAS MAY ACCUMULATE AND DISPLACE OXYGEN IN L OW AREAS. Ventilation:PROVIDE ADEQUATE VENTILATION TO MAINTAIN **OXYGEN** CONCENTRATION ABOVE 19.5% BY VOLUME. LOCAL EXHAUST RECOMMENDED. Protective Gloves: COTTON, LEATHER, OR NEOPRENE Eve Protection: SAFETY GOGGLES OR GLASSES Other Protective Equipment: SAFETY SHOES WHEN HANDLING CYLINDERS. Work Hygienic Practices: NO DATA PROVIDED BY MANUFACTURER. Supplemental Safety and Health NO DATA PROVIDED BY MANUFACTURER. ========= Physical/Chemical Properties =========== HCC:G3 Boiling Pt:=-78.3C, -109.F B.P. Text:(SUBLIMES) Vapor Pres:839 PSIG @ 7 0 DEG F Vapor Density: 1.53(AIR=1 Evaporation Rate & Deference: GAS Solubility in Water:1.713 CC/CC H2O @ 32 F Appearance and Odor: COLORLESS, SLIGHT PUNGENT ODOR Percent Volatiles by Volume:100% ======== Stability and Reactivity Data ============

Stability Indicator/Materials to Avoid:YES FORM CARBONIC ACID WITH MOISTURE Hazardous Decomposition Products:NONE Conditions to Avoid Polymerization: WILL NOT OCCUR

======== Toxicological Information ============

Toxicological Information:NO DATA PROVIDED BY MANUFACTURER
========= Ecological Information ============
Ecological:NO DATA PROVIDED BY MANUFACTURER
======= Disposal Considerations ===========
Waste Disposal Methods:SLOWLY VENT TO ATMOSPHERE IN OPEN AREA.
========== MSDS Transport Information ===========
Transport Information:NO DATA PROVIDED BY MANUFACTURER
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SARA Title III Information:NO DATA PROVIDED BY MANUFACTURER Federal Regulatory Information:NO DATA PROVIDED BY MANUFACTURER State Regulatory Information:NO DATA PROVIDED BY MANUFACTURER
=========== Other Information ==============
Disclaimer (provided with this information by the compiling agencies):

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