

PURITAN-BENNETT AERO SYSTEMS CO -- GASEOUS OXYGEN,OXYGEN,GOX -- 6505-00-132-5181

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Product Identification
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Product ID:GASEOUS OXYGEN,OXYGEN,GOX

MSDS Date:03/01/1989

FSC:6505

NIIN:00-132-5181

MSDS Number: BDBBQ

=== Responsible Party ===

Company Name:PURITAN-BENNETT AERO SYSTEMS CO

Address:10800 PFLUMM RD

City:LENEXA

State:KS

ZIP:66215-2182

Country:US

Emergency Phone Num:800-424-9300(CHEMT

REC)

CAGE:16827

=== Contractor Identification ===

Company Name:KAPLAN INDUSTRIES

Address:RT 73 AND MORRIS AVE

Box:City:MAPLE SHADE

State:NJ

ZIP:08052

Country:US

Phone:609-779-8181

CAGE:6M339

Company Name:PURITAN-BENNETT CORPORATION

Address:10800 PFLUMM ROAD

Box:City:SHAWNEE

State:KS

ZIP:66215

Country:US

Phone:913-649-5400

CAGE:16827

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Composition/Information on Ingredients
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Ingred Name:OXYGEN

CAS:7782-44-7

RTECS #:RS2060000

Fraction by Wt: 99.5%

Other REC Limits:NONE

SPECIFIED

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

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

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

Health Hazards Acute and Chronic:HEALTH HAZARDS-ACUTE:INHALATION OF HIGH CONCENTRATIONS (>75%) CAUSES SYMPTOMS OF HYPEROXIA. CHRONIC:NONE SPECIFIED BY MANUFACTURER.

Effects of Overexposure:INHALATION OF HIGH CONCENTRATIONS MAY CAUSE CRAMPS, NAUSEA, DIZZINESS, HYPOTHERMIA, AMBYLOPIA, RESPIRATORY

DIFFICULTIES, BRADYCARDIA, FAINTING SPELLS, CONVULSIONS CAPABLE OF LEADING TO DEATH. INHALATI ON OF LOWER CONCENTRATIONS MAY PRESENT A RISK OF INFLAMMATION OF ORGANIC MATTER IN THE BODY.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====

First Aid:PROMPT MEDICAL ATTENTION IS MANDATORY IN ALL CASES OF OVEREXPOSURE TO OXYGEN. RESCUE PERSONNEL SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPA

RATUS. VICTIMS SHOULD BE ASSISTED TO

AN UNCONTAMINATED AREA AND INHALE FRESH AIR. UNCONSCIOUS PERSONS SHOULD BE MOVED TO AN UNCONTAMINATED AREA, AND IF BREATHING HAS STOPPED, ADMINISTER ARTIFICIAL RESUSCITATION AND SUPPLEMENTAL OXYGEN.

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

Extinguishing Media:NON-FLAMMABLE, BUT VIGOROUSLY ACCELERATES COMBUSTION. USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:KEEP CYLINDE
RS COOL WITH WATER SPRAY. REMOVE

SOURCE OF OXYGEN WHICH ACCELERATES COMBUSTION.

Unusual Fire/Explosion Hazard:EXCESSIVE PRESSURE CAN BUILD UP DUE TO HEAT. CYLINDER MAY EXPLODE IF PRESSURE RELIEF DEVICES SHOULD FAIL TO RELIEVE PRESSURE.

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===== Accidental Release Measures =====

Spill Release Procedures:EVACUATE PERSONNEL. VENTILATE AREA. ATTEMPT TO STOP RELEASE IF SAFE TO DO SO. CAUTION SHOULD BE EXERTED FOR NOISE OR INJURY BY PROPELLED MOTION OF CY

LINDER IF LEAKING. VENT GAS TO
ATMOSPHERE IN AN OPEN AREA.

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Handling and Storage
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Handling and Storage Precautions: SECURE CYLINDERS WHEN IN USE.
CYLINDERS SHOULD BE STORED UPRIGHT. AVOID DRAGGING, ROLLING, SLIDING
OR DROPPING CYLINDERS. USE HAND TRUCK.
Other Precautions: STORE AWAY FROM HEAVY TRAFFIC AND COMBUSTIBLE
MATERIALS. KEEP AWAY FROM HEAT SOURCES, SALT AND CORROSIVE
CHEMICALS. CYLINDERS CAN BE STORED OUTSIDE. TEMPERATURE SH
OULD BE
KEPT BELOW 125F. DO NOT REFILL .

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Exposure Controls/Personal Protection
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Respiratory Protection: NONE.
Ventilation: LOCAL EXHAUST.
Protective Gloves: LEATHER WORK GLOVES.
Eye Protection: SAFETY GLASSES.
Other Protective Equipment: SAFETY TOE SHOES.
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
AVOID THE USE OF OIL IN CYLINDER.

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Physical/Chemical Properties
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HCC: G4
Boiling Pt: B.P.
Text: -297F, -183C
Vapor Density: 1.11
Solubility in Water: SLIGHT
Appearance and Odor: COLORLESS, ODORLESS GAS

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid: YES
HYDROCARBONS AND OTHER FLAMMABLE AND COMBUSTIBLE MATERIALS SUCH AS OIL
AND GREASE.
Hazardous Decomposition Products: NONE SPECIFIED BY MANUFACTURER.

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Disposal Considerations
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Waste Disposal Methods: DO NOT ATTEMPT TO DISPOSE OF RESIDU

AL OXYGEN IN

COMPRESSED GAS CYLINDERS. RETURN TO MANUFACTURER WITH THE CYLINDER VALVE TIGHTLY CLOSED, POSITIVE PRESSURE IN THE CYLINDER, AND VALVE CAP IN PLACE.

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