

CRYODINE SPECIALTY GASES,INC. -- OXYGEN -- 6830-00-042-8132

===== Product Identification =====

Product ID:OXYGEN

MSDS Date:10/01/1985

FSC:6830

NIIN:00-042-8132

MSDS Number: BCVWN

=== Responsible Party ===

Company Name:CRYODINE SPECIALTY GASES,INC.

Address:445 STATE STREET

City:NORTH HAVEN

State:CT

ZIP:06473

Info Phone Num:203-288-1440

Emergency Phone Num:203-288-1440

CAGE:JO873

=== Contractor Iden

tification ===

Company Name:CRYODINE SPECIALTY GASES,INC.

Address:445 STATE STREET

Box:City:NORTH HAVEN

State:CT

ZIP:06473

Phone:203-288-1440

CAGE:JO873

Company Name:CRYODYNE TECHNOLOGIES INC

Address:67 WINTHROP RD

Box:233

City:CHESTER

State:CT

ZIP:06412

Country:US

Phone:203-526-5000

CAGE:0EHW9

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

Ingred Name:OXYGEN

CAS:7782-44-7

RTECS #:RS2060000

Fraction by Wt: 100%

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

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Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:HYPEROXIA WHICH LEADS TO PNEUMONIA.  
Effects of  
Overexposure:CRAMPS,NAUSEA,DIZZINESS,HYPOTHERMIA,AMBYLOPIA,RESPIRATORY DIFFICULTIES,BRADYCARDIA,FAINTING SPELLS & CONVULSIONS CAPABLE OF LEADING TO DEATH.  
Medical Cond Aggravated by Exposure:NONE NOTED.

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

First Aid:PROMPT  
MEDICAL ATTENTION IS MANDATORY. REMOVE TO FRESH AIR.  
IF UNCONSCIOUS GIVE CPR. -RESCUE PERSONNEL SHOULD BE COGNIZANT OF EXTREME FIRE HAZARD ASSOCIATED WITH OXYGEN-RICH ATMOSPHERES-

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

Extinguishing Media:WATER  
Fire Fighting Procedures:IF POSSIBLE,STOP THE FLOW OF OXYGEN WHICH IS SUPPORTING THE FIRE.  
Unusual Fire/Explosion Hazard:VIGOROUSLY ACCELERATES COMBUSTION

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

Spill Release Procedures:EVACUATE PERSONNEL.USE PROTECTIVE EQUIPMENT.  
IF LEAK IS IN PIPES,PURGE WITH INERT GAS. IF LEAK IS IN CONTAINER,CONTACT MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP VALVE PROTECTION CAPS IN PLACE.DO NOT DRAG,SLIDE OR ROLL CYLINDERS.USE HAND TRUCK.USE PRESSURE REDUCING REGULATOR & CHECK VALVE.DO NOT HEAT CYL.  
Other Precautions:PROTECT FROM PHYSICAL DAMAGE.STORE IN COOL, DRY WELL  
VENTILATED AREA,AWAY FROM FLAMMMABLE PRODUCTS.STORE UPRIGHT & SECURED.

===== Exposure Controls/Personal Protection =====

Ventilation:ADEQUATE VENTILATION TO PREVENT OXYGEN CONCENTRATION OVER 25%.  
Protective Gloves:AS REQUIRED. ANY MATERIAL.  
Eye Protection:GOGGLES  
Other Protective Equipment:SAFETY SHOES, SAFETY SHOWER  
Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:G4  
Boiling Pt:B.P. Text:-297F,-1

83C  
Melt/Freeze Pt:M.P/F.P Text:-362F F.P.  
Vapor Density:1.11  
Spec Gravity:1.14 @ B.P.  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:COLORLESS,ODORLESS & TASTELESS GAS.

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

Stability Indicator/Materials to Avoid:YES  
ALL FLAMMABLE MATERIALS.  
Stability Condition to Avoid:TEMPERATURES ABOVE 130F (54C)  
Hazardous Decomposition Products:NONE

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

Waste Disposal Method  
s:DO NOT ATTEMPT TO DISPOSE OF RESIDUAL OR UNUSED  
QUANTITIES. RETURN TO MANUFACTURER.

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