

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
=====

=====

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.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.