

NATIONAL WELDERS SUPPLY CO INC -- OXYGEN -- 6830-00-290-4290

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

Product ID:OXYGEN
MSDS Date:01/01/1991
FSC:6830
NIIN:00-290-4290
MSDS Number: BRFNC
=== Responsible Party ===
Company Name:NATIONAL WELDERS SUPPLY CO INC
Address:810 GESCO
Box:31007
City:CHARLOTTE
State:NC
ZIP:28231
Country:US
Info Phone Num:704-333-5475
Emergency Phone Num:704-333-5475/800-424-9300(CH
EMTREC)
CAGE:18264
=== Contractor Identification ===
Company Name:NATIONAL WELDERS SUPPLY CO INC
Address:810 GESCO ST
Box:31007
City:CHARLOTTE
State:NC
ZIP:28231
Country:US
Phone:704-333-5475
CAGE:18264

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

Ingred Name:OXYGEN
CAS:7782-44-7
RTECS #:RS2060000
Fraction by Wt: >99.5%
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:NO Inges

tion:NO

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

Health Hazards Acute and Chronic:ACUTE: HYPEROXIA, HYPOTHERIA,
AMBYLOPIA, BRADYCARDIA, CONVULSIONS CAPABLE OF LEADING TO DEATH.
CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Effects of Overexposure:DIZZINESS, IMPAIRED COORDINATION, VISUAL AND
HEARING DISTURBANCES, SEIZURES.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:PROMPT M

EDICAL ATTENTION IS MANDATORY IN ALL CASES OF
OVEREXPOSURE TO OXYGEN. RESCUE PERSONNEL SHOULD BE EQUIPPED WITH
SELF-CONTAINED BREATHING APPARATUS. 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.

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

Extinguishing Media:LARGE AM
OUNTS OF WATER FOR FIRES WITH OXYGEN AS THE
OXIDIZER.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE CLOTHING. SHUT OFF OXYGEN GAS IF POSSIBLE. USE
WATER SPRAY TO KEEP FIRE EXPOSED CYLINDERS COOL.

Unusual Fire/Explosion Hazard:HIGH OXIDIZING ATMOSPHERES INCREASE
LIKELIHOOD OF FIRES. OXYGEN VIGOROUSLY SUPPORTS COMBUSTION.

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

Spill Release Procedures:EVACUATE PERSONNEL. VENTILAT
E AREA. REMOVE
HEAT AND IGNITION SOURCES. ATTEMPT TO STOP RELEASE IF SAFE TO DO
SO. CAUTION SHOULD BE EXERTED FOR NOISE OR INJURY BY PROPELLED
MOTION OF CYLINDER IF LEAKING . VENT GAS TO ATMOSPHERE IN AN OPEN
AREA.

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

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:ST

ORE AWAY FROM HEAVY TRAFFIC AND COMBUSTIBLE MATERIALS. KEEP AWAY FROM HEAT SOURCES, SALT AND CORROSIVE CHEMICALS. TEMPERATURE SHOULD BE KEPT BELOW 125F. DO NOT REFILL.

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

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. IN CASE OF OXYGEN OVEREXPOSURE, RESCUE PERSONNEL SHOULD BE AWARE OF EXTREME FIRE HAZARD ASSOCIATED WITH OXYGEN-RICH ATMOSPHERES.

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

HCC:G4
Boiling Pt:B.P. Text:-297F,-183C
Vapor Density:1.105
Solubility in Water:4.89% @ 32F
Appearance and Odor:COLORLESS, ODORLESS GAS.

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

Stability Indicator/Materials to Avoid:YES
REA
CTS EXPLOSIVELY WITH PHOSPHINE, HYDRAZINE, ETHERS, ALCOHOLS, HYDROGEN SULFIDE, HYDROCARBONS, ETC.
Stability Condition to Avoid:ALL FLAMMABLE MATERIALS.

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

Waste Disposal Methods:DO NOT ATTEMPT TO DISPOSE OF RESIDUAL 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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