

MITTLER SUPPLY COMPANY -- OXYGEN -- 6830-00-042-8132

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

Product ID:OXYGEN
MSDS Date:11/01/1993
FSC:6830
NIIN:00-042-8132
MSDS Number: BVGGD
=== Responsible Party ===
Company Name:MITTLER SUPPLY COMPANY
Address:3607 SOUTH MAIN STREET
City:SOUTH BEND
State:IN
ZIP:46614
Country:US
Info Phone Num:219-291-5100
Emergency Phone Num:800-424-9300 CHEMTREC
CAGE:JO872

=== Con
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Address:3607 SOUTH MAIN STREET
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CAGE:JO872
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Address:3607 S MAIN ST
Box:City:SOUTH BEND
State:IN
ZIP:46614
Country:US
Phone:219-291-5100
CAGE:0B672

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

Ingred Name:OXYGEN
CAS:7782-44-7
RTECS #:RS2060000
Fraction by Wt: 100%
Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:NO HEALTH EFFECTS NOTED FOR SKIN/EYE CONTACT OR SWALLOWING. INHALATION OF HIGH CONCENTRATIONS OF OXYGEN MAY CAUSE COUGH AND OTHER PULMONARY CHANGES. BREATHING OXYGEN UNDER PRESSURE MAY CAUSE LUN G DAMAGE AND CNS EFFECTS. CHRONIC: NONESPECIFIED BY MANUFACTURER.

Explanation of Carc
inogenicity:OXYGEN IS NOT LISTED AS A CARCINOGEN BY NTP, IARC, OR OSHA.

Effects of Overexposure:NASAL STUFFINESS, COUGH, SORE THROAT, CHEST PAIN, BREATHING DIFFICULTY, DIZZINESS, POOR COORDINATION, TINGLING SENSATION, VISUAL & HEARING DIFFICULTIES, MUSCULAR TWITCHING, UNCONSCIOUSNESS, CONVULSION S.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures
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First Aid:REMOVE TO FRESH AIR. GET MEDICAL AT TENTION IF SYMPTOMS PERSIST.

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Fire Fighting Measures
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Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:EVACUATE ALL PERSONNEL. WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTETCIVE GEAR. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:OXIDIZING AGENTS, VIGOROUSLY ACCELERATES COMBUSTION. CONTACT WITH FLAMMABLES MAY CAUSE FIRE OR EXPLOSION. HEAT OF FIRE MAY CAUSE EXPLOSIVE RUPTURE OF CYLINDERS.

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Accidental Release Measures
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Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. VENTILATE AREA. ALLOW TO DISSIPATE TO ATMOSPHERE IF UNABLE TO SHUT OFF OR STOP LEAK. STOP LEAK IF CAN BE DONE AT NO RISK.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:STORE IN A COOL, DRY PLACE AWAY FROM INCOMPATIBLE

MATERIALS. PROTECT CYLINDER FROM PHYSICAL DAMAGE.
Other Precautions:DO NOT SMOKE IN WORK AREA WHILE OXYGEN BEING USED.

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

Respiratory Protection:NONE NORMALLY REQUIRED.
Ventilation:NONE NORMALLY REQUIRED.
Protective Gloves:NONE NORMALLY REQUIRED.
Eye Protection:NONE NORMALLY REQUIRED.
Other Protective Equipment:NONE NORMALLY REQUIRED.
Work Hygienic Practices:USE GOOD PERSONAL HYGIENE.
Supplemental Safety and Health
DO NOT ALLOW
TO COME IN CONTACT WITH OILY SKIN, CLOTHES OR RAGS. BEFORE
REUSING; ALLOW CLOTHING OR EQUIPMENT TO VENTILATE OR OFF-GAS ANY
OXYGEN WHICH MAY HAVE BEEN ABSORBED WHILE USING.

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

HCC:G4
Boiling Pt:B.P. Text:-297F,-183C
Melt/Freeze Pt:M.P/F.P Text:-360F,-218C
Vapor Pres:N/K-GAS
Vapor Density:1.4
Spec Gravity:1.14
Solubility in Water:NEGLIGIBLE
Appearance and Odor:GAS IS COLORLESS, ODORLESS AT NORMAL TEMPERATURES
AND PRESS
URES.
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
ACETALDEHYDE, ACETONE, ACETYLENE, SECONDARY ALCOHOLS, CHLORINATED
HYDROCARBONS, HYDROGEN, METALS, OIL, CHARCOAL
Stability Condition to Avoid:SOURCES OF IGNITION; CONTACT WITH
INCOMPATIBLE MATERIALS.
Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:DISPOSE OF

IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS.

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