

SUNOX INC -- OXYGEN COMPRESSED GAS -- 6830-00-169-0805

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

Product ID:OXYGEN COMPRESSED GAS

MSDS Date:02/29/1992

FSC:6830

NIIN:00-169-0805

Status Code:A

MSDS Number: CJBGJ

=== Responsible Party ===

Company Name:SUNOX INC

Address:4236 STATESVILLE RD

Box:33871

City:CHARLOTTE

State:NC

ZIP:28233

Country:US

Emergency Phone Num:704-596-6262

CAGE:5Z946

=== Contractor Ident

ification ===

Company Name:SUNOX INC

Address:RT 2, BOX 132, HWY 555 N.

Box:33871

City:BLYTHEWOOD

State:SC

ZIP:29016

Country:US

Phone:804-275-4341 (DGSC-SSH)

CAGE:5Z946

Company Name:SUNOX INC

Box:UNKNOW

CAGE:6Z788

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

Ingred Name:OXYGEN (GAS)

CAS:7782-44-7

RTECS #:RS2060000

Fraction by Wt: 100%

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of

Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION: MUCOUS MEMBRANE IRRITATION & PULMONARY EDEMA AFTER 24 HOURS. MAY CAUSE EFFECTS TO RESPIRATORY/CARDIOVASCULAR/NERVOUS SYSTEM. FIBROTIC CHANGES IN THE LUNGS, SEVERE IRREVERSIBLE RETINAL ATRO PHY. SKIN/EYES: MAY CAUSE FROSTBITE, IRRITATION, BLURRED VISION. INGESTION: FROSTBITE TO LIPS/MOUTH/MUCOUS MEMBRANES.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, DECREASE IN VITAL CAPACITY,

TIGHTNESS IN THE CHEST, DISCOMFORT, COUGHING, CONGESTION, NAUSEA, DIZZINESS, SLOWING OF MENTAL PROCESSES, MALAISE, APPREHENSION, TINGLING OF FINGERS/TOES, MUSCULAR TWITCHING, CONVULSIONS, LOSS OF CONSCIOUSNESS, BLISTERS, REDNESS, FROSTBITE, PAIN, BLURRED VISION, MOOD CHANGES.

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

First Aid:INHALATION: REMOVE TO FRESH AIR IMMEDIATELY. PERFORM CPR IF NEEDED. KEEP WARM & AT REST. TREAT SYMPTOMATICALLY/SUPPORTIVELY.

SKIN: FROSTBITE-WARM SKIN IN WARM WATER AT 107F. ALLOW CIRCULATION TO RETURN NATURALLY. EYES: WASH W/LARGE AMOUNTS OF WATER FOR 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Extinguishing Media:DRY CHEMICAL, CO2/HALON. FOR LARGER FIRES: WATER SPRAY, FOAM/STANDARD FOAM

Fire Fighting Procedures:MOVE CONTAINER FROM FIRE AREA. STAY AWAY FROM STORAGE TANKS. COOL FIRE-EXPOSED CONTAINERS W/WATER FROM SIDE UNTIL

FIRE IS OUT. USE SCBA W/FULL FACEPIECE.(SUPP)

Unusual Fire/Explosion Hazard:WHEN HEATED, WILL INCREASE THE BURNING RATE OF COMBUSTIBLE MATTER. CONTACT W/OXIDIZABLE/ORGANIC/COMBUSTIBLE MATERIALS MAY RESULT IN IGNITION/EXPLOSION. (SUPP)

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

Spill Release Procedures:KEEP COMBUSTIBLES AWAY FROM HAZARD AREA. STOP LEAK W/O RISK. KEEP UNNECESSARY PEOPLE AWAY. ISOLATE AREA & DENY ENTRY. VENT

ILATE CLOSED SPACES BEFORE ENTERING.

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

Handling and Storage Precautions:STORE IAW/29 CFR 1910.104. DON'T ATTEMPT TO DISPOSE OF RESIDUAL/UNUSED QUANTITIES.

Other Precautions:RETURN IN SHIPPING CONTAINER TAGGED TO INDICATE A DEFECT & PROPERLY LABELED W/ANY VALVE OUTLET PLUGS/CAPS SECURED & VALVE PROTECTION CAP IN PLACE. AVOID CONTACT W/COMBUSTIBLE MATERIALS. DON'T PERMIT P HYSICAL DAMAGE/OVERHEATING OF CONTAINER.

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

Respiratory Protection:ANY SUPPLIED AIR RESPIRATOR OPERATED IN PRESSURE-DEMAND/POSITIVE PRESSURE MODE, ANY SELF CONTAINED BREATHING APPARATUS.

Ventilation:GENERAL DILUTION VENTILATION.

Protective Gloves:FULL PROTECTIVE, COLD INSULATING

Eye Protection:SPLASH-PROOF SAFETY GOGGLES/FACESHIELD

Other Protective Equipment:EYE WASH FOUNTAIN, QUICK DRENCH SHOWER

Supplemental Safety and Health

FIRE PROC CONT'D: FOR MASSIVE FIRE I

N AREA, USE UNMANNED HOSE

HOLDER/MONITOR NOZZLES/W/DRAW FROM AREA & LET FIRE BURN. COOL CONTAINERS W/FLOODING AMOUNTS OF WATER, APPLY FROM AS FAR A DISTANCE AS POSS IBLE. FIRE HAZ CONT'D: CYLINDER MAY EXPLODE IN HEAT OF FIRE. CONTAINERS MAY VIOLENTLY RUPTURE, TRAVEL TO A DISTANT AREA.

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

Boiling Pt:B.P. Text:-297F

Melt/Freeze Pt:M.P/F.P Text:-361F

Vapor Pres:760

Vapor Density:1.1

Spec Gravity:1.309

Solubility

in Water:3.2%

Appearance and Odor:ODORLESS, COLORLESS, TASTELESS GAS

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:HEAT/FLAME

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

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