

AIRGAS -- OXYGEN -- 6830-00-656-1603

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Product Identification
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Product ID:OXYGEN
MSDS Date:05/01/1990
FSC:6830
NIIN:00-656-1603
MSDS Number: CCLSL
=== Responsible Party ===
Company Name:AIRGAS
Address:100 MALSONFOFO ROAD
City:RADNOR
State:PA
ZIP:19067
Country:US
Info Phone Num:215-687-5253
Emergency Phone Num:215-687-5253
CAGE:AIRGA

==== Contractor Identification ====

Company Name:AIRGAS
Address:100 MATSONFORD ROAD, 5 RADNOR CORP CNTR
City:RADNOR
State:PA
ZIP:19087
Country:US
Phone:215-687-5253
CAGE:AIRGA

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Composition/Information on Ingredients
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Ingred Name:OXYGEN
CAS:7782-44-7
RTECS #:RS2060000
Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:

NO

Health Hazards Acute and Chronic: BREATH HIGH CONC(>75MOLAR %) CAUSES SYMPTOMS OF HYPEROXIA WHICH INCLUDES CRAMPS, NAU, DIZZ, HYPOTHERMIA, AMBLYOPIA, RESP DIFFICULTIES, BRADYCARDIA, FAINTING SPELLS, CONVULSIONS CAPABLE OF LEADING TO DEATH. PHYP EROXIA PROPERTY LEADS TO PNEUMONIA. INFLAMM OF ORG MATTER IN BODY W/CONC 25-75 MOLAR %.

Explanation of Carcinogenicity: PER MSDS: OXYGEN NOT LISTED IN IARC/NTP/OSHA AS CARCINOGEN OR POTENTIAL CARCINOGEN.

Effects of Overexposure: SEE HEALTH HAZ ARDS ABOVE.

Medical Cond Aggravated by Exposure: PERSONS IN ILL HEALTH WHERE SUCH ILLNESS WOULD BE AGGRAVATED BY EXPO TO OXYGEN SHOULD NOT BE ALLOWED TO W/OR HNDLG THIS PRODUCT.

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

First Aid: PROMPT MED ATTN MANDATORY IN ALL CASES OF OVEREXPO. RESCUE PERSONS SHOULD BE COGNIZANT OF EXTREME FIRE HAZ ASSOC W/OXY RICH ATMS. ASSIST CONSC PERSON TO UNCONTAMIN AREA. BREATH FRESH AIR. KEEP WARM/QUIET. INFORM DR VICTIM EXPE RIENCE HYPEROXIA. REMOVE UNCONSC PERSON TO UNCONTAMIN AREA. GIVE ASSIST RESP. RESTORE BREATHING TREAT AS ABOVE. CONT TREATMENT SHOULD BE SYMPTOMATIC/SUPPORTIVE.

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

Flash Point: NA

Autoignition Temp: Autoignition Temp Text: NA

Lower Limits: NA

Upper Limits: NA

Extinguishing Media: NONE SPECIFIED BY MANUFACTURER.

Fire Fighting Procedures: IF POSSIBLE STOP FLOW OF OXYGEN WHICH IS SUPPORTING FIRE. CYLINDERS INVOLVED IN FIRE SAFELY R ELOCATE OR KEEP

COOL WITH WATER SPRAY. VIGOROUSLY ACCELERATES COMBUST

Unusual Fire/Explosion Hazard: OXYGEN VIGOROUSLY ACCELERATES COMBUST. CONTACT W/ALL FLAMM MATLS SHOULD BE AVOIDED. SOME MATLS WHICH ARE NOT FLAMM IN AIR WILL BURN IN PURE OXY/OXY RICH ATMS.

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

Spill Release Procedures: EVACUATE ALL PERSONNEL. SUE APPROPRIATE PROTECTIVE EQPMT. LEAK IN USER'S EQPMT BE CERTAIN TO PURGE PIPING W/INERT GAS PRIOR TO REPA

IRS.LEAK IN CNTNR/CNTNR VALVE CONTACT
CLOSEST SUPPLIER LOCATION/EMERG P HONE # LISTED.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:USE IN WELL VENTI AREA.VLAVE PROT
CAPS/OUTLET PLUGS REMAIN IN PLACE UNLESS PIPED TO USE PT.DON'T
DRAG/SLIDE/ROLL;USE HAND TRUCK.PROTECT CYL FRM PHY DG
Other Precautions:USE PRESSURE RED REG WHEN CONNECTING CYL TO CRIT TENP
Vapor Density:.0828LB/F3

Spec Gravity:1.11 @70F
pH:NP
Viscosity:NP
Evaporation Rate & Reference:NP
Solubility in Water:SLIGHTLY.
Appearance and Odor:COLORLESS, ODORLESS GAS.
Percent Volatiles by Volume:NP
Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES
ALL FLAMM MATL.LOW PRESSURE USE CARBON STEELS,LOW ALLOY STEEL;HI
PRESSURE SS,CU/CU ALLOY,NI/NI ALLOY,BRASS,BRONZE,(SUPP)
Hazardous Decomposition Products:NONE.

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

Waste Disposal Methods:DON'T ATTEMPT TO DIPSO OF WASTE/UNUSED
QUANT.RETURN IN SHIPPING CNTNR PROPERLY LABEL/VALVE OUTLET
PULGS/CAPS SECURED/VALVE PROTECTION CAP IN PLACE TO SUPPLIER.EMERG
DISPO ASSIST CONTACT SUPPLIER/EMERG PHONE #LISTED.FILL ONLY BY
QUAL COMPRESS GAS PROD

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