

SELOX,INC;DIVISION OF AIRCO INC -- OXYGEN,O2 -- 6830-01-124-1435

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Product Identification  
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Product ID:OXYGEN,O2

MSDS Date:08/25/1987

FSC:6830

NIIN:01-124-1435

Kit Part:Y

MSDS Number: BJJPC

=== Responsible Party ===

Company Name:SELOX,INC;DIVISION OF AIRCO INC

Address:821 E 11TH ST.

City:CHATTANOOGA

State:TN

ZIP:37401

Country:US

Info Phone Num:615-756-8053/201-464-8100

Emergency Phone Num:

615-870-1208 (AIRCO)

CAGE:6R799

=== Contractor Identification ===

Company Name:AIRCO DIVISION OF THE BOC GROUP INC

Address:575 MOUNTAIN AVENUE

Box:City:MURRAY HILL

State:NJ

ZIP:07974

Country:US

Phone:201-464-8100

CAGE:BR799

Company Name:SELOX,INC;DIVISION OF AIRCO INC.

Address:821 EAST 11TH ST.

Box:City:CHATTANOOGA

State:TN

ZIP:37401

Country:US

Phone:615-756-8053/201-464-8100

CAGE:6R799

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Composition/Information on Ingredients  
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Ingred Name:OXYGEN

CAS:7782-44-7

RTECS

#:RS2060000  
Fraction by Wt: 100%  
Other REC Limits:NONE ESTABLISHED  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:OTHER PREC:CYL TO LOWER PRESS PIPING OR SYS.DO NOT HEAT CYL  
TO INC DISCHARGE RATE.USE CHECK VALVE OR TRAP IN (SEE ING 3)  
RTECS #:9999999ZZ  
Other REC Limits:N/K  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:OTHER PREC:DISCHARGE LINE TO PVNT HAZ BACK FLOW INTO CYL.DO  
NOT SUBSTITUTE FOR COMPRESSED AIR IN PNEUMATIC (SEE ING 4)  
RTECS #:9999999ZZ  
Other REC Limits:N/K  
OSHA PEL:N/K  
ACGIH T  
LV:N/K

Ingred Name:OTHER PREC:EQUIP.SEE COMPRESSED GAS ASSOCIATION PAMPHLET  
G-4.1.REFILL CYL ONLY BY QUALIFIED PRODUCERS OF COMPRESSED GAS.  
RTECS #:9999999ZZ  
Other REC Limits:N/K  
OSHA PEL:N/K  
ACGIH TLV:N/K

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

LD50 LC50 Mixture:N/K  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:BREATHING HIGH CONCENTRATIONS (GREATER  
THAN 75  
MOLAR PERCENT) CAUSES SYMPTOMS OF HYPEROXIA CAPABLE OF  
LEADING TO DEATH.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:EYES/SKIN/INGESTION:N/K .INHAL:BREATHING HIGH  
CONC (>75 MOLAR %) CAUSES SYMPTOMS OF  
HYPEROXIA-CRAMPS,NAUSEA,DIZZINESS,HYPOTHERMIA,AMBYLOPIA,RESPIRATORY  
DIFFICULTIES,BRADYCARDIA,FAINTING & C ONVULSIONS.HYPEROXIA LEADS TO  
PNEUMONIA.CONC OF 25-75 MOLAR %-POSSIBLE INFLAMMATION OF ORGANIC  
MATTER IN THE BODY.  
Medical Cond Aggravated by Exposure:N

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First Aid Measures  
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First Aid:EYES/SKIN/INGEST:N/K .INHAL:PROMPT MED ATTN MANDATORY IN ALL CASES OF OVEREXPOS.RESCUE PERS MUST BE AWARE OF EXTREME FIRE HAZ ASSOC W/ O\*2 RICH ATMOS.IF CONSCIOUS-HELP TO UNCONTAM AREA,BREA THE FRESH AIR.KEEP WARM & QUIET.INFORM MD IF VICTIM IS/HAS EXPERIENCED HYPEROXIA.UNCON:MOVE TO UNCONTAM AREA,GIVE ASSISTED RESP.WHEN BRTHG RESTORED,TREAT AS ABOVE.TREAT SYMPTOMATICALLY & SUPPORTIVELY.

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Fire Fighting Measures  
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Extinguishing Media:COPIOUS QUANTITIES OF WATER FOR FIRES WITH OXYGEN AS THE OXIDIZER.

Fire Fighting Procedures:IF POSSIBLE,STOP THE FLOW OF OXYGEN WHICH IS SUPPORTING THE FIRE.

Unusual Fire/Explosion Hazard:VIGOROUSLY ACCELERATES COMBUSTION.CONT W/ ALL FLAMM MATLS SHOULD BE AVOIDED.SOME MATLS WHICH ARE NOT FLAMM IN AIR WILL BURN IN PURE O\*2 OR O\*2-ENRICHED ATMOS.

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Accidental Release Measures  
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Spill Release Procedures:EVACUATE ALL PERSONNEL FROM AFFECTED AREA.USE APPROPRIATE PROTECTIVE EQUIPMENT.IF LEAK IS IN USER'S EQUIPMENT,BE CERTAIN TO PURGE PIPING WITH AN INERT GAS PRIOR TO ATTEMPTING REPAIRS.IF LEAK IS IN CON TR OR CONTR VALVE,CONTACT NEAREST SELOXCORP.

Neutralizing Agent:N/K

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Handling and Storage  
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Handling and Storage Precautions:AVOID PHYS DMG.STORE COOL (25 MOLAR PERCENT.

Protective Gloves

:AS REQUIRED;ANY MATERIAL.

Eye Protection:SAFETY GOGGLES OR GLASSES.

Other Protective Equipment:SAFETY SHOES,SAFETY SHOWER.

Work Hygienic Practices:N/K

Supplemental Safety and Health

LIQ DENS @ BP:71.23 LB/FT3.GAS DENS:0.828 LB/FT3.FREEZING PT:-362F,-119C.SOL IN H\*2O:BUNSEN COEFFICIENT=0.031.WASTE DISP:RETURN IN PROPERLY LABELED SHIPPING CONTR,W/ VALVE OUTLET PLUGS OR CAPS SECURED & VALVE PROT CAP IN PLACE,TO SELOX FORPROPER DISP.EMER:CONT NEAREST SELOX CORP.ENTRY RTE:INHAL/SKI

N/INGEST .

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

Boiling Pt:B.P. Text:-297F,-183C  
Melt/Freeze Pt:M.P/F.P Text:N/K  
Decomp Temp:Decomp Text:N/K  
Vapor Pres:N/K  
Vapor Density:SEE SUPP  
Spec Gravity:1.11 (AIR=1)  
Evaporation Rate & Reference:N/K  
Solubility in Water:SEE SUPP DATA  
Appearance and Odor:COLORLESS,ODORLESS AND TASTELESS GAS.

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

Stability Indicator/Materials to Avoid:YES  
ALL FLAMMABLE MATERIALS.  
Stability Condition to Avoid:N/K  
Hazardous Decomposition Products:N/K  
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISP MUST BE IAW FEDERAL,STATE & LOCAL  
REGS.COORDINATION W/ SUPPORTING INSTALLATION/MACOM ENVIRONMENTAL  
COORDINATION PRIOR TO DISPOSAL IS REC TO DETERMINE APPROP DISP  
METHODS .DO NOT ATTEMPT TO DISPOSE OF RESIDUAL OR UNUSED  
QTIES.(SEE SUPP)

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