

HOLOX,LTD. -- OXYGEN -- 6830-00-460-7704

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

Product ID:OXYGEN
MSDS Date:01/01/1987
FSC:6830
NIIN:00-460-7704
Kit Part:Y
MSDS Number: CDJPT
=== Responsible Party ===
Company Name:HOLOX,LTD.
Address:2186 MARIETTA BLVD.,N,W,
Box:4961
City:ATLANTA
State:GA
ZIP:30302
Country:US
Info Phone Num:404-355-8628
Emergency Phone Num:404-355-8628 800-424-9300(CHEMTREC)
CAGE:LO40
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=== Contractor Identification ===

Company Name:HOLOX, LTD.
Address:2186 MARIETTA BLVD.,N,W,
Box:4961
City:ATLANTA
State:GA
ZIP:30302
Country:US
Phone:404-355-8628
CAGE:LO409
Company Name:SPECIALTY GAS TECHNOLOGY
Address:10207-D CHAPEL HILL RD
Box:City:MORRISVILLE
Phone:800-876-9581
CAGE:0Y5M5

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

Ingred Name:OXYGEN
CAS:7782-44-7
RTECS #:RS2060000
Fraction by Wt: >99.6%
Other REC Limits:NONE RECOMMENDED

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azards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:THE LIQUID AND COLD GAS VAPORS CAN CAUSE CRYOGENIC BURNS.INHL:HYPERTOXIA(>75%CONCENTRATION) AND SWELLING OF ORGANIC MATTER IN THE BODY(25-75%CONCENTRATION) CAN OCCUR.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

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ts of

Overexposure:INHAL:CRAMPS,NAUSEA,DIZZINESS,HYPOTHERMIA,DIFFICULTY BREATHING,ARRYTHMIAS,CONVULSIONS.THESE PROPERTIES CAUSE HYPEROXIA TO DEVELOP INTO PNEUMONIA.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES:ALLOW LIQUID TO EVAPORATE.DO NOT APPLY OINTMENT.SEE OPTHOMOLOGIST.IF VICTIM CANNOT TOLERATE LIGHT,PROTECT EYES.SKIN:TREAT CRYOGENIC BURNS WITH TEMPID WATER.THERM

AL BURNS

SHOULD BE SEEN BY A PHYSI CIAN.INHAL:RESCUERS MUST USE SCBA.REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:NOT LIKELY TO BE NEEDED;ITEM IS A GAS.

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

Flash Point:FLAMMABLE GAS

Extinguishing Media:COPIOUS AMOUNTS OF WATER(OR SUITABLE EXTINGUISHANT FOR FIRE WITH OXYGEN AS THE OXIDIZER).

Fire Fighting Procedures:SHUT OFF LEAK.WHEN POSSIBLE,ALLOW FIRE TO BURN ITSELF OUT.COOL AD JOINING EQUIPMENT WITH WATER.

Unusual Fire/Explosion Hazard:**OXIDIZER** OXYGEN RAPIDLY ACCELERATES COMBUSTION.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION.CONTACT HOLOX FOR FURTHER ASSISTANCE.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN

USE.

Other Precautions:AVOID DAMAGE TO CYLINDERS.

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

Respiratory Protection:DOES NOT APPLY.DO NOT ENTER AN OXYGEN ENVIRONMENT.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.EQUIPMENT SHOULD BE NON-SPARKING.

Protective Gloves:NOT NEEDED IN NORMAL SERVICE.

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NOT NEEDED IN NORMAL SERVICE.

Work Hygienic Practices:EXECIS

E GOOD LABORATORY PRACTICES.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health

THIS IS A COMPONENT OF A CALIBRATING GAS

MIXTURE(6830-00-460-7704/0Y5M5/A).HYDROGEN,SEE

6830-00-460-7704/88381/A;OXYGEN IN NITROGEN WITH CARBON MONOXIDE(AS

AN IMPURITY),SEE 6830-00-460-7704/NATIO/B;CA RBON DIOXIDE IN

NITROGEN,SEE 6830-00-460-7704/NATIO/A;OXYGEN,SEE

6830-00-460-7704/HOLOX/A.

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

HCC:G3

Boiling

Pt:B.P. Text:-273F,-169C

Melt/Freeze Pt:M.P/F.P Text:-361F,-218C

Spec Gravity:1.11

Solubility in Water:SLIGHT

Appearance and Odor:COLORLESS,ODORLESS GAS.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ALL FLAMMABLE MATERIALS.

Stability Condition to Avoid:HIGH HEAT,SOURCES OF IGNITION.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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===== Disposal Considerations ==

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Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

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