

LIQUID AIR CORP INDUSTRIAL GAS -- COMPRESSED AIR

MSDS Safety Information

FSC: 6830
MSDS Date: 10/01/1993
MSDS Num: BYMPG
LIIN: 00F046135
Product ID: COMPRESSED AIR
MFN: 01

Responsible Party
Cage: 18260
Name: LIQUID AIR CORP INDUSTRIAL GASES DIV
Address: 2121 N CALIFORNIA BLVD SUITE 350
City: WALNUT CREEK CA 94596-5000
Info Phone Number: 415-977-6500
Emergency Phone Number: 415-977-6500
Review Ind: Y
Published: Y

Preparer Co. when other than Responsible Party Co.

Cage: 18260
Name: LIQUID AIR CORP ONE CALIFORNIA PLAZA
Address: 2121 N. CALIFORNIA BLVD
City: WALNUT CREEK CA 94596

Contractor Summary

Cage: 18260
Name: LIQUID AIR CORP ONE CALIFORNIA PLAZA
Address: 2121 N. CALIFORNIA BLVD
City: WALNUT CREEK CA 94596
Phone: 415-977-6500

Ingredients

Cas: 7727-37-9
RTECS #: QW9700000
Name: NITROGEN
% Wt: 78.09
ACGIH TLV: ASPHYXIAN

Cas: 7782-44-7
RTECS #: RS2060000
Name: OXYGEN (GAS)
% Wt: 20.94

Cas: 7440-37-1
RTECS #: CF2300000
Name: ARGON
% Wt: 0.93
ACGIH TLV: SIMPLE ASPHYXIAN

Cas: 124-38-9
RTECS #: FF6400000
Name: CARBON DIOXIDE *97-2*
% Wt: 0.033
Other REC Limits: 10000 PPM
OSHA PEL: 5000 PPM
ACGIH TLV: 9000 MG/CUM

Cas: 7440-01-9
RTECS #: QP4550000
Name: NEON
% Wt: <1
ACGIH TLV: SIMPLE ASPHYXIAN

Cas: 7440-59-7
RTECS #: MH6520000
Name: HELIUM
% Wt: <1
ACGIH TLV: SIMPLE ASPHYXIAN

Cas: 7439-90-9
Name: KRYPTON *97-2*
% Wt: <1

Cas: 1333-74-0
RTECS #: MW8900000

Name: HYDROGEN
% Wt: <1
ACGIH TLV: SIMPLE ASPHYXIAN

Cas: 7440-63-3
RTECS #: ZEL280000
Name: XENON
% Wt: <1

Cas: 10043-92-2
RTECS #: VE3750000
Name: RADON (CARCINOGEN BY NTP) *97-2*
% Wt: <1

Cas: 7732-18-5
RTECS #: ZC0110000
Name: WATER
% Wt: <1

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Health Hazards Data
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Route Of Entry Inds - Inhalation: YES
Skin: NO
Ingestion: NO
Carcinogenicity Inds - NTP: YES
IARC: NO
OSHA: NO
Effects of Exposure: HIGH PRESSURE EFFECTS (>2 ATMOSPHERES OF OXYGEN) ARE ON
CNS. IMPROPER DECOMPRESSION RESULTS IN ACCUMULATION OF NITROGEN IN BLOOD.
Explanation Of Carcinogenicity: SEE INGREDIENTS.
Signs And Symptoms Of Overexposure: TINGLING OF FINGERS & TOES, ABNORMAL
SENSATIONS, IMPAIRED COORDINATION, CONFUSION, DECOMPRESSION SICKNESS,
PAINS/BENDS.
First Aid: INHALATION: DECOMPRESSION EQUIPMENT MAY BE REQUIRED. OBTAIN MEDICAL
ATTENTION IN ALL CASES.

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Handling and Disposal
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Waste Disposal Methods: DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.
NONFLAMMABLE GAS UN1002.
Handling And Storage Precautions: PROTECT CYLINDERS FROM PHYSICAL DAMAGE. STORE
IN COOL, DRY, WELL-VENTILATED AREA AWAY FROM HEAVY TRAFFIC AREAS &
EMERGENCY EXITS. STORE <130F.
Other Precautions: STORE CYLINDERS UPRIGHT & FIRMLY SECURED TO PREVENT
FALLING/BEING KNOCKED OVER. SEGRAGATE FULL & EMPTY CYLINDERS. USE FIRST
IN-FIRST OUT INVENTORY SYSTEM TO PREVENT FULL CYLINDERS BEING STORED FOR EXC
ESSIVE PERIODS OF TIME. (SEE SUPP)

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Fire and Explosion Hazard Information
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Flash Point Text: NON-FLAMMABLE
Unusual Fire/Explosion Hazard: COMPRESSED AIR AT HIGH PRESSURES WILL ACCELERATE
BURNING OF MATERIALS TO A GREATER RATE THAN THEY BURN AT ATMOSPHERIC
PRESSURE.

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Control Measures
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Protective Gloves: ANY MATERIAL
Eye Protection: SAFETY GOGGLES/GLASSES
Other Protective Equipment: SAFETY SHOES
Supplemental Safety and Health: OTHER PRECAUTIONS: COMPRESSED GAS CYLINDERS
SHOULDN'T BE REFILLED EXCEPT BY QUALIFIED PRODUCERS OF COMPRESSED GASES.
DON'T DRAG, SLIDE/ROLL CYLINDERS. USE A SUITABLE HAND TRUCK FOR CYLINDER
MOVEMENT. DON'T HEAT CYLINDER BY ANY MEANS TO INCREASE DISCHARGE RATE OF
PRODUCT FROM CYLINDER.

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Physical/Chemical Properties
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B.P. Text: -317.9F
M.P/F.P Text: -317.8F
Spec Gravity: 1
Solubility in Water: SLIGHT
Appearance and Odor: A COLORLESS GAS W/NO ODOR.

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Reactivity Data
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Stability Indicator: YES
Materials To Avoid: NONE
Hazardous Decomposition Products: NONE
Hazardous Polymerization Indicator: NO
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Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

Other Information

HAZCOM Label

Product ID: COMPRESSED AIR
Cage: 18260
Company Name: LIQUID AIR CORP ONE CALIFORNIA PLAZA
Street: 2121 N. CALIFORNIA BLVD
City: WALNUT CREEK CA
Zipcode: 94596
Health Emergency Phone: 415-977-6561
Label Required IND: Y
Date Of Label Review: 12/16/1998
Status Code: C
Label Date: 12/16/1998
Origination Code: G

Hazard And Precautions: AIR IS NONTOXIC & NECESSARY TO SUPPORT LIFE.
INHALATION: IN A HIGH PRESSURE ENVIRONMENT CAN RESULT IN SYMPTOMS SIMILIAR TO
OVEREXPOSURE TO PURE OXYGEN. THESE INCLUDE TINGLING OF FINGERS & TOES,
ABNORM AL SENSATION, IMPAIRED COORDINATION & CONFUSION. DECOMPRESSION
SICKNESS PAINS/BENDS ARE POSSIBLE FOLLOWING RAPID DECOMP.TINGLING, ABNORMAL
SENSATIONS, IMPAIRED COORDINATION, CONFUSION, PAIN/BENDS.

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