

BACHARACH INC -- COMPRESSED AIR -- 4940-01-442-7684

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

Product ID:COMPRESSED AIR

MSDS Date:06/14/1996

FSC:4940

NIIN:01-442-7684

Status Code:A

MSDS Number: CKJHP

=== Responsible Party ===

Company Name:BACHARACH INC

Address:625 ALPHA DRIVE

City:PITTSBURGH

State:PA

ZIP:15238

Country:US

Info Phone Num:412-963-2223

Emergency Phone Num:412-963-2223

Resp. Party Other MSDS

Num.:99-0135

Chemtrec Ind/Phone:(800)424-9300

CAGE:05083

=== Contractor Identification ===

Company Name:BACHARACH INC

Address:625 ALPHA DRIVE

Box:City:PITTSBURGH

State:PA

ZIP:15238

Country:US

Phone:412-963-2130

CAGE:05083

Company Name:LIQUID AIR CORP ALPHAGAZ DIVISION

Address:2121 N CALIFORNIA BLVD

Box:City:WALNUT CREEK

State:CA

ZIP:94596

Country:US

Phone:510-977-6500

Contract Num:SP0760-99-V-4193

CAGE:42568

Company Name:YARO SUPPLY CO, DIV OF WESTERN TRADEWINDS INC

Address:7946 CLYO RD

Box:7506

08  
City:DAYTON  
State:OH  
ZIP:45475-0608  
Country:US  
Phone:937-439-9276  
CAGE:0ZQR5

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

Ingred Name:NITROGEN  
CAS:7727-37-9  
RTECS #:QW9700000  
= Wt:78.09

Ingred Name:OXYGEN  
CAS:7782-44-7  
RTECS #:RS2060000  
= Wt:20.94

Ingred Name:ARGON  
CAS:7440-37-1  
RTECS #:CF2300000  
= Wt:.93

Ingred Name:CARBON DIOXIDE  
CAS:124-38-9  
RTECS #:FF6400000  
= Wt:.03  
OSHA PEL:9000 MG/M3;5000 PPM  
ACGIH TLV:9000 MG/M3;5000 PPM  
ACGIH STEL:54000 MG/M3

Ingred Name  
:NEON  
CAS:7440-01-9  
RTECS #:QP4550000  
Fraction by Wt: 18.18E-4%

Ingred Name:HELIUM  
CAS:7440-59-7  
RTECS #:MH6520000  
Fraction by Wt: 5.239E-4%

Ingred Name:KRYPTON  
CAS:7439-90-9  
Fraction by Wt: 1.139E-4%

Ingred Name:HYDROGEN  
CAS:1333-74-0  
RTECS #:MW8900000  
Fraction by Wt: 0.5E-4%

Ingred Name:XENON  
CAS:7440-63-3  
RTECS #:ZE1280000  
Fraction by Wt: 0.086E-4%

Ingred Name:RADON

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

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

Health Hazards Acute and Chronic:AIR IS NONTOXIC AND NECESSARY TO SUPPORT LIFE. INHALATION OF AIR IN A HIGH PRESSURE ENVIRONMENT SUCH AS UNDERWATER DIVING, CAISSONS OR HYPERBARIC CHAMBERS CAN RESULT IN SYMPTOMS SIMILAR TO OVEREXPOSURE TO PURE OXYGEN. THESE INCLUDE TINGLING OF FINGERS AND TOES, ABNORMAL SENSATIONS, IMPAIRED COORDINATION AND CONFUSION. DECOMPRESSION SICKNESS PAINS OR

"BENDS" ARE POSSIBLE FOLLOWING RAPID DECOMPRESSION. HIGH PRESSURE EFFECTS (GREATER THAN TWO ATMOSPHERES OF OXYGEN) ARE ON THE CENTRAL NERVOUS SYSTEM. IMPROPER DECOMPRESSION RESULTS IN THE ACCUMULATION OF NITROGEN IN THE BLOOD.

Effects of Overexposure:AIR IS NONTOXIC AND NECESSARY TO SUPPORT LIFE. INHALATION OF AIR IN A HIGH PRESSURE ENVIRONMENT SUCH AS UNDERWATER DIVING, CAISSONS OR HYPERBARIC CHAMBERS CAN RESULT IN SYMPTOMS SIMILAR TO OVEREXPOSURE TO PURE OXYGEN. THESE INCLUDE TINGLING OF FINGERS AND TOES, ABNORMAL SENSATIONS, IMPAIRED COORDINATION AND CONFUSION. DECOMPRESSION SICKNESS PAINS OR "BENDS" ARE POSSIBLE FOLLOWING RAPID DECOMPRESSION.

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

First Aid:FACILITIES OR PRACTICES AT WHICH AIR IS BREATHED IN A HIGH PRESSURE ENVIRONMENT SHOULD BE PREPARED TO DEAL WITH ILLNESSES ASSOCIATED WITH DECOMPRESSION (BENDS OR CAISSON DISEASE). DECOMPRESSION EQUIPMENT MAY BE REQUIRED.

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

Handling and Storage Precautions:VALVE PROTECTION CAPS MUST REMAIN IN PLACE UNLESS CONTAINER IS SECURED WITH VALVE OUTLET PIPED TO USE POINT. DO NOT DRAG, SLIDE OR ROLL CYLINDERS. USE A SUITABLE HAND TRUCK FOR CYLINDER MOVEMENT. STORE IN COOL, DRY, WELL-VENTILATED AREA AWAY FROM HEAVILY TRAFFICKED AREAS.

Other Precautions:PROTECT CYLINDERS FROM PHYSICAL DAMAGE. DO NOT  
A

ALLOW THE TEMPERATURE WHERE CYLINDERS ARE STORED TO EXCEED 130F(54C). CYLINDERS SHOULD BE STORED UPRIGHT AND FIRMLY SECURED TO PREVENT FALLING OR

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

Protective Gloves:ANY MATERIAL

Eye Protection:SAFETY GOGGLES OR GLASSES

Other Protective Equipment:SAFETY SHOES

Supplemental Safety and Health

COMPRESSED GAS CYLINDERS SHOULD NOT BE REFILLED EXCEPT BY QUALIFIED PRODUCERS OF COMPRESSED GASES. SHIPMENT OF A COMPRESSED GAS

CYLINDER WHICH HAS NOT BEEN FILLED BY THE OWNER OR WITH HIS (WRITTEN) CONSENT IS A VIOLATION OF FEDERAL LAW (49CFR).

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

HCC:G3

===== Toxicological Information =====

Toxicological Information:HIGH PRESSURE EFFECTS (GREATER THAN TWO ATMOSPHERES OF OXYGEN) ARE ON THE CENTRAL NERVOUS SYSTEM. IMPROPER DECOMPRESSION RESULTS IN THE ACCUMULATION OF NITROGEN IN THE BLOOD.

=====

= MSDS Transport Information =====

Transport Information:DOT SHIPPING NAME: AIR, COMPRESSED, NONFLAMMABLE GAS, UN1002.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should

seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.