

C F C RECLAMATION AND RECYCLING SERVICE INC -- COMPRESSED AIR, BREATHING QUALITY  
-- 6830-01-416-7944

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

Product ID:COMPRESSED AIR, BREATHING QUALITY

MSDS Date:01/01/1995

FSC:6830

NIIN:01-416-7944

Status Code:A

MSDS Number: CHWBR

=== Responsible Party ===

Company Name:C F C RECLAMATION AND RECYCLING SERVICE INC

Address:318 N TREADAWAY

Box:560

City:ABILENE

State:TX

ZIP:79604

Country:US

Info Phone Num:9150-675-5311

Emergency Phone Num:9150-675-5311

CAGE:0XXK5

=== Contractor Identification ===

Company Name:C F C RECLAMATION AND RECYCLING SERVICE INC

Address:318 N TREADAWAY

Box:560

City:ABILENE

State:TX

ZIP:79604

Country:US

Phone:9150-675-5311 FAX: 915-675-5324

CAGE:0XXK5

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

Ingred Name:WATER (VAPOR)

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: VARIES

Other REC Limits:NONE RECOMMENDED

ngred Name:NITROGEN  
CAS:7727-37-9  
RTECS #:QW9700000  
Fraction by Wt: 78.09%  
Other REC Limits:NONE RECOMMENDED  
ACGIH TLV:ASPHYXIAN; 9596

Ingred Name:OXYGEN  
CAS:7782-44-7  
RTECS #:RS2060000  
Fraction by Wt: 20.94%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:ARGON  
CAS:7440-37-1  
RTECS #:CF2300000  
Fraction by Wt: 0.93%  
Other REC Limits:NONE RECOMMENDED  
ACGIH TLV:ASPHYXIAN; 9596

Ingred Name:CARBON DIOXIDE  
CAS:124-38-9  
RTECS #:FF6400000  
Fraction by Wt: 0.033%  
Other REC Limits:NONE RECOMMENDED  
OSHA  
PEL:5000 PPM  
ACGIH TLV:5000PPM/30000STEL;96

Ingred Name:NEON  
CAS:7440-01-9  
RTECS #:QP4450000  
Fraction by Wt: TRACE  
Other REC Limits:NONE RECOMMENDED  
ACGIH TLV:ASPHYXIAN; 9596

Ingred Name:HELIUM  
CAS:7440-59-7  
RTECS #:MH6520000  
Fraction by Wt: TRACE  
Other REC Limits:NONE RECOMMENDED

Ingred Name:KRYPTON  
CAS:7439-90-9  
RTECS #:OC6772500  
Fraction by Wt: TRACE  
Other REC Limits:NONE RECOMMENDED

Ingred Name:HYDROGEN  
CAS:1333-74-0  
RTECS #:MW8900000  
Fraction by Wt: TRACE  
Other REC Limits:NONE RECOMMEN

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Ingred Name:XENON  
CAS:7440-63-3  
RTECS #:ZE1280000  
Fraction by Wt: TRACE  
Other REC Limits:NONE RECOMMENDED

Ingred Name:RADON  
Fraction by Wt: TRACE  
Other REC Limits:NONE RECOMMENDED

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

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:AIR IS NONTOXIC AND NECESSARY TO  
SUPPORT LIFE. I  
NHALATION OF AIR AT HIGH PRESSURE CAN RESULT IN  
SYMPTOMS SIMILAR TO OVEREXPOUSRE TO PURE OXYGEN SUCH AS TINGLING OF  
FINGERS & TOES, ABNORMAL SENSATIONS, IMPAIRED COORDINATION &  
CONFUSION. DECOMPRESSION SICKNESS POSSIBLE.  
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT  
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT  
CARCINOGENS.  
Effects of Overexposure:TINGLING OF FINGERS & TOES, ABNORMAL  
SENSATIONS, IMPAIRED COORDINATION, CONFUSI  
ON, DECOMPRESSION PAINS,  
THE "BENDS".  
Medical Cond Aggravated by Exposure:PERSONS IN ILL HEALTH WHERE CUSH  
ILLNESS WOULD BE AGGRAVATTED BY EXPOSURE TO HIGH PRESSURE AIR  
SHOULD NOT BE ALLOWED TO WORK WITH OR HANDLE THIS PRODUCT.

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

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

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

Flash Point:NONE  
Lower Limits:NOT RELEVANT  
Upper Limits:NOT RELEVANT  
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL  
FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED  
CYLINDERS.  
Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED  
SELF-CONTAINED BREATHING APPARATUS. MOVE CYLINDERS FROM FIRE AREA  
IF POSSIBL

E WITHOUT INCREASED PERSONAL RISK.

Unusual Fire/Explosion Hazard:COMPRESSED AIR AT HIGH PRESSURES WILL ACCELERATE THE BURNING OF MATERIALS TO A GREATER RATE THAN THEY BURN AT ATMOSPHERIC PRESSURE.

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

Spill Release Procedures:NONE SPECIFIED BY MANUFACTURER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:PROTECT CYLINDERS FROM PHYSICAL

DAMAGE. STORE IN COOL, DRY, WELL-VENTILATED AREA AWAY FROM HEAVILY TRAFFICKED AREAS AND EMERGENCY EXITS.

Other Precautions:DO NOT ALLOW TEMPERATURE WHERE CYLINDERS ARE STORED TO EXCEED 125F. CYLINDERS SHOULD BE STORED UPRIGHT AND FIRMLY SECURED TO PREVENT FAILING OR BEING KNOCKED OVER. FULL AND EMPTY CYLINDERS SHOULD BE SEGREGATED. USE "FIRST IN - FIRST OUT"

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

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.

Ventilation:NORMAL VENTILATION IS SUFFICIENT.

Protective Gloves:LINED BUTYL GLOVES

Eye Protection:CHEMICAL SPLASH GOGGLES/FACE SHIELD

Other Protective Equipment:EYEBATH, SAFETY SHOWER, PROTECTIVE CLOTHING

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

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

E PROTECTION CAPS MUST REMAIN IN

PLACE UNLESS CONTAINER IS SECURED WITH VALVE OUTLET PIEPD TO USE POINT. DO NOT HEAT CYLINDER BY ANY MEANS TO INCREASE DISCHARGE RATE.

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

HCC:G3

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:-318F,-194C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:.0749

Evaporation Rate & Reference:NOT RELEV

ANT

Solubility in Water:VERY SLIGHTLY

Appearance and Odor:COLORLESS GAS - NO ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

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

FEDERAL REGULATIONS. DO NOT ATTEMPT TO DISPOSE OF RESIDUAL OR UNUSED QUANTITIES. RETURN IN THE SHIPPING CONTAINER PROPERLY LABELED, WITH ANY VALVE OR CAPS SECURED TO YOUR SUPPLIER FOR PROPER DISPOSAL.

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