

BACHARACH INC -- HYDROGEN IN AIR,10 PPM-2%,23-4005 -- 6830-01-353-5800

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Product Identification
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Product ID:HYDROGEN IN AIR,10 PPM-2%,23-4005

MSDS Date:01/01/1992

FSC:6830

NIIN:01-353-5800

MSDS Number: CFFJP

=== Responsible Party ===

Company Name:BACHARACH INC

Address:625 ALPHA DRIVE

City:PITTSBURG

State:PA

ZIP:15238

Country:US

Info Phone Num:412-963-2223

Emergency Phone Num:412-963-2000

/800-424-9300(CHEMTREC)

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:INTERSTATE DIESELECT INC. (305-293-7971)

Box:UNKNOW

CAGE:3L018

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

CAGE:42568

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Composition/Information on Ingredients
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Ingred Name:HYDROGEN
CAS:1333-74-0
RTECS #:MW8900000
Fraction by Wt: 2%
Other REC Limits:NONE RECOMMENDED

Ingred Name:AIR
RTECS #:AX5275000
Fraction by Wt: 98%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT RELEVANT
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:NONE. ACUTE AND CHRONIC-
NONE. THESE
MIXTURES SHOULD BE CONSIDERED SIMILAR TO AIR AND WOULD
THEREFORE CAUSE NO SYMPTOMS OF EXPOSURE.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:NONE
Medical Cond Aggravated by Exposure:NONE.

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

First Aid:NONE NEEDED.

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

Flash Point:NONE
Lower Limits:NOT RELEVANT
Upper Limits:NOT RELEVANT
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR
DRY
CHEMICAL FOR SURROUNDING FIRE. KEEP FIRE-EXPOSED CYLINDERS COOL
WITH WATER.
Fire Fighting Procedures:AS WITH ANY FIRE, WEAR PROTECTIVE CLOTHING AND
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS IF NEEDED.
Unusual Fire/Explosion Hazard:THE MIXTURE 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:NOT RELEVANT

Neutralizing Agent:NOT RELEVANT

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Handling and Storage
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Handling and Storage Precautions:STORE CYLINDERS SECURE, IN COOL, DRY, VENTILATED AREA BELOW 125F. PROTECT CYLINDERS FROM PHYSICAL DAMAGE. FULL & EMPTY CYLINDERS SHOULD BE SEGREGATED.

Other Precautions:VENTING OF AIR FROM CYLINDER MUST BE ACCOMPLISHED SLOWLY. USE A "FIRST IN-FIRST OUT" INVENTORY SYSTEM. CLOSE VALVE AFTER EACH USE AND WHEN EMPTY.

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Exposure Controls
/Personal Protection
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Respiratory Protection:NONE NEEDED.

Ventilation:NONE

Protective Gloves:LEATHER WHEN HANDLING CYLINDERS

Eye Protection:GOGGLES RECOMMENDED

Other Protective Equipment:EAR PROTECTION WHEN VENTING AIR

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

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Physical/Chemical Properties
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HC

C:G3

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:-318F (AIR)

Melt/Freeze Pt:M.P/F.P Text:-434.5F(H2)

Vapor Density:0.98 - 1.0

Spec Gravity:NOT RELEVANT

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT (GAS)

Solubility in Water:VERY SLIGHTLY

Appearance and Odor:COLORLESS, ODORLESS GAS

Percent Volatiles by Volume:100

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:EXCESSIV

E HEAT

Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:NOT RELEVANT

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