

BIG THREE INDUSTRIES, INC/AIR LIQUIDE/ALPHAGAZ -- HEXANE IN AIR -- 6830-01-303-4937
===== Product Identification =====

Product ID:HEXANE IN AIR

MSDS Date:12/30/1992

FSC:6830

NIIN:01-303-4937

MSDS Number: BYCBB

=== Responsible Party ===

Company Name:BIG THREE INDUSTRIES, INC/AIR LIQUIDE/ALPHAGAZ

Address:3535 W 12TH ST

Box:3047

City:HOUSTON

State:TX

ZIP:77253

Country:US

Info Phone Num:713-868-0202

Emergency Phone Num:713-868-0202

CAGE:17688

=== Contractor Identification ===

Company Name:AERIFORM INSTRUMENTS INC

Address:1400 BATTLEGROUND AVE, SUITE 132

Box:City:GREENSBORO

State:NC

ZIP:27417-0160

Country:US

Phone:910-691-0333

CAGE:0WK23

Company Name:AIR LIQUIDE AMERICA CORPORATION

Address:2700 POST OAK DRIVE

Box:City:HOUSTON

State:TX

ZIP:77056-8229

Country:US

Phone:713-896-2896;800-231-1366

CAGE:17688

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

Ingred Name:HEXANE

(N-HEXANE) (CERCLA)

CAS:110-54-3

RTECS #:MN9275000

Fraction by Wt: 400% PPM

Other REC Limits:NONE RECOMMENDED

OSHA PEL:500 PPM

ACGIH TLV:50 PPM; 9495

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingrid Name:AIR, REFRIGERATED LIQUID; AIR COMPRESSED (UN1002, DOT); AIR REFRIGERATED LIQUID (CRYOGENIC LIQUID) (UN1003) (DOT)

RTECS #:AX5271000

Fraction by Wt: BALANCE

Other REC Limits:NONE SPECIFIED

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===== 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:EYES, SKIN, RESPIRATORY SYSTEM. ACUTE- MAY CAUSE LIGHT HEADED, NAUSEA, NUMBNESS IN EXTREMITIES, MUSCLE WEAKNESS, EYES AND NOSE IRRITATION, DERMATITIS, CHEMICAL PNEUMONIA, GIDDINESS. CHRO NIC- NONE IDENTIFIED.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:LIGHT HEADED, NAUSEA, NUMBNESS IN EXTREMITIES, MUSCLE WEAKNESS, EYES AND NOSE IRRITATION, DERMATITIS, CHEMICAL PNEUMONIA, GIDDINESS

Medical Cond Aggravated by Exposure:NONE IDENTIFIED

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

First Aid:PROVIDE FRESH AIR OR OXYGEN AND CONSULT PHYSICIAN.

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

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL FOR SURROUNDING FIRE.

Fire Fighting Procedures:NONE

Unusual Fire/Explosion Hazard:GAS CYLINDERS MAY R

UPTURE OR EXPLODE DUE
TO HEAT OF FIRE. THIS GAS IS NON-FLAMMABLE. COMPRESSED AIR AT HIGH
PRESSURE WILL ACCELERATE BURNING OF OTHER MATERIALS.

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

Spill Release Procedures:EVACUATE AND VENTILATE AREA.
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, DRY AREA BELOW 130F
(54C) AWAY FROM HEAVILY TRAFFIC AREAS & EMERGENCY EX
ITS. SECUR

CYLINDERS. DO NOT DROP. DO NOT OPERATE ABOVE 150F.

Other Precautions:PROTECT CYLINDERS FROM PHYSICAL DAMAGE. DO NOT
PUNCTURE. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:NONE NEEDED.

Ventilation:ROOM VENTILATION

Protective Gloves:LEATHER RECOMMENDED (HANDLING CYLINDERS)

Eye Protection:SAFETY GLASSES RECOMMENDED

Other Protective Equipment:SAFETY SHOES RECOMMENDED

Work Hygienic Practices:WASH HANDS T
HOROUGHLY BEFORE EATING OR
DRINKING.

Supplemental Safety and Health

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

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

HCC:G3

NRC/State Lic Num:NOT RELEVANT

Vapor Pres:14978

Vapor Density:1.0

Spec Gravity:0.8

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT (GAS)

Solubility in Water:SLIGHT

Appearance and Odor:COLORLESS, MAY HAVE SLIGHT "GASOLINE-LIKE" ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS, OIL IN HIGH PRESSURE EQUIPMENT

Stability Condition to Avoid: EXCESSIVE HEAT (TEMPERATURES ABOVE 130F)

Hazardous Decomposition Products: NONE

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE CYLINDERS.

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this information by the compiling agencies):

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