

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: BYCBBR  
=== 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  
E  
mergency 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

Ingred 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 A

ND 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 RU

PTURE 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 EXI

TS. 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 TH

OROUGHLY 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

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===== 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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