

GAS TECH INC. JOHNSON INSTRUMENT DIV -- HEXANE (40% LEL) IN AIR,81-0007 --  
6830-01-303-4938

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

Product ID:HEXANE (40% LEL) IN AIR,81-0007

MSDS Date:06/11/1993

FSC:6830

NIIN:01-303-4938

MSDS Number: BHJKQ

=== Responsible Party ===

Company Name:GAS TECH INC. JOHNSON INSTRUMENT DIV

Address:8407 CENTRAL AVE

City:NEWARK

State:CA

ZIP:94560-3431

Country:US

Info Phone Num:5

10-794-6200/FAX 6201/745-8700 SALE

Emergency Phone Num:510-794-6200/800-535-5053

CAGE:51906

=== Contractor Identification ===

Company Name:A AND G MACHINE MFG

Address:615-D RESEARCH RD

Box:City:RICHMOND

State:VA

ZIP:23236

Country:US

Phone:804-379-8849

CAGE:0KA92

Company Name:GAS TECH INC. JOHNSON INSTRUMENT DIV

Address:8445 CENTRAL AVE

Box:City:NEWARK

State:CA

ZIP:94560-3431

Country:US

Phone:510-794-6200

CAGE:51906

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

Ingred Nam

e:HEXANE (N-HEXANE) (CERCLA)  
CAS:110-54-3  
RTECS #:MN9275000  
Fraction by Wt: 0.44%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:500 PPM  
ACGIH TLV:50 PPM; 9596  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:AIR  
RTECS #:AX5275000  
Fraction by Wt: >99%  
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- NONE.  
CHRONIC- NONE IDENTIFIED. THE MIXTURE 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 IDENTIFIED.

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

First Aid:INHALATION: PROVIDE FRESH AIR OR OXYGEN IF NEEDED. CONSULT A PHYSICIAN.

===== 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:NONE  
Unusual Fire/Explosion Hazard:COMPRESSED GAS CYLINDERS MAY EXPLODE IN HEAT OF FIRE. WITHDRAW IMMEDIATELY IN CASE OF RISING SOUND FROM VENTING SAFETY DEVICE.

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

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Spill Release Procedures:SHUT OFF SOURCE OF LEAK IF POSSIBLE. VENTILATE AREA.

Neutralizing Agent:NOT RELEVANT

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

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. USE HAND TRUCK TO MOVE CYLINDERS. DO NOT PUNCTURE.

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

Respiratory Protection:NONE NEEDED.

Ventilation:ADEQUATE

Protective Gloves:LEATHER WHEN HANDLING CYLINDERS

Eye Protection:GOGGLES RECOMMENDED

Other Protective Equipment:SAFETY SHOES WHEN HANDLING CYLINDERS.

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

Supp

lemental Safety and Health

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

HCC:G3

NRC/State Lic Num:NOT RELEVANT

Vapor Density:1.0

Spec Gravity:GAS

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT (GAS)

Solubility in Water:SLIGHT

Appearance and Odor:COLORLESS GAS, SLIGHT GASOLINE-LIKE ODOR

Percent Volatiles by Volume:>99

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGEN

TS, OIL IN HIGH PRESSURE EQUIPMENT  
Stability Condition to Avoid:EXCESSIVE HEAT  
Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:DISPOSE OF EMPTY CONTAINERS AS METAL REFUSE.  
OBSERVE LOCAL, STATE AND FEDERAL REGULATIONS. ALLOW GAS TO VENT  
SLOWLY TO ATMOSPHERE OUTDOOR, IF ALLOWED. DO NOT INCINERATE.

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