

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

===== 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

===== 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 Haz
ards 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.

Supplemental 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 AGENT

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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