

GAS TECH INC. JOHNSON INSTRUMENT DIV -- CARBON MONOXIDE (0-6.5%) IN NITROGEN --
6830-01-408-3030

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

Product ID:CARBON MONOXIDE (0-6.5%) IN NITROGEN

MSDS Date:06/11/1993

FSC:6830

NIIN:01-408-3030

MSDS Number: CDNQW

=== 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:510-794-6200/ FAX 510-794-6201

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

CAGE:51906

=== Contractor Identification ===

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

Company Name:S A R C O

Address:55 HARKER AVENUE

Box:City:BERLIN

State:NJ

ZIP:08009

Country:US

Phone:609-795-0699

CAGE:0ABX5

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

Ingred Name:CARBO

N MONOXIDE
CAS:630-08-0
RTECS #:FG3500000
Fraction by Wt: 0-6.5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:35 PPM
ACGIH TLV:50 PPM

Ingred Name:NITROGEN
CAS:7727-37-9
RTECS #:QW9700000
Fraction by Wt: BALANCE
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:ASPHYXIAN; 9495

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

LD50 LC50 Mixture:NOT KNOWN
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: HEADACHE, TACHYPNEA, NAUSEA,
WEAKNESS, DIZINESS, CONFUSION, HALUCINATION, CYANOSIS, ANGINA.
NITROGEN IS A SIMPLE ASPHYXIAN. CHRONIC: SOME OF THE ACUTE EFFECTS
MAY BECOME CHRONIC. TARGET ORGANS :CARDIOVASCULAR SYSTEM, LUNGS,
BLOOD, CNS.
Effects of Overexposure:SEE HEALTH HAZARDS.
Medical Cond Aggravated by Exposure:CHRONIC RESPIRATORY PROBLEMS,
CORONARY ARTERY DISEASES OF HEART.

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

First Aid:
Inhalation:REMOVE TO FRESH AIR, PROVIDE CPR/OXYGEN IF NEEDED.
GET MEDICAL HELP IMMEDIATELY.

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

Extinguishing Media:USE METHODS APPROPRIATE TO SURROUNDING FIRE.
Fire Fighting Procedures:NONE. KEEP CYLINDERS COOL WITH WATER.
Unusual Fire/Explosion Hazard:COMPRESSED GAS CYLINDERS MAY EXPLODE IN
HEAT OF FIRE. REMOVE IMMEDIATELY IN CASE OF RISING SOUND FROM
VENTING SAFETY DEVICE.

===== Accidental Release =====

Measures =====

Spill Release Procedures:PICK UP CYLINDERS.

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

Handling and Storage Precautions:USE SAFE HANDLING PRACTICES FOR HANDLING COMPRESSED GASES. DO NOT PUNCTURE CYLINDERS. STORE BELOW 150 C.

Other Precautions:NONE.

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

Respiratory Protection:NONE NORMALLY REQUIRED. USE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS IF TLV IS EXCEEDED OR WHEN USING IN CONFINED SPACES.

Ventilation:NORMAL.

Protective Gloves:LEATHER GLOVES.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:NONE

Work Hygienic Practices:HANDLE CYLINDERS WITH CAUTION.

Supplemental Safety and Health

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

HCC:G3

Decomp Temp:Decomp Text:NA

Vapor Density:0.97

Solubility in Water:SLIGHT

Appearance and Odor:COLORLESS, ODORLESS, GAS.

Percent Volatiles by Volume:GAS

Corrosion Rate:NA

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS, BROMINE TRIFLUORIDE, CHLORINE TRIFLUORIDE, LITHIUM, NICKEL, AND OIL IN HIGH PRESSURE EQUIPMENT.

Stability Condition to Avoid:NONE IDENTIFIED.

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

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

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n by the compiling agencies):

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