

GAS TECH INC. JOHNSON INSTRUMENT DIV -- CARBON MONOXIDE (0-6.5%) IN NITROGEN --
6695-01-407-8327

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

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

MSDS Date:06/11/1993

FSC:6695

NIIN:01-407-8327

MSDS Number: CCSYF

=== Responsible Party ===

Company Name:GAS TECH INC. JOHNSON INSTRUMENT DIV

Address:8445 CENTRAL AVE

City:NEWARK

State:CA

ZIP:94560-3431

Country:US

Info P

hone Num:510-794-6200

Emergency Phone Num:510-794-6200

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:NEW ERA CONTRACT SALES

Address:2513 TACOMA AVE S

Box:City:TACOMA

State:WA

ZIP:98402-1308

Country:US

Phone:253-272-3553

CAGE:0FA68

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

Ingred Name:CARBON MONOXIDE

CA

S:630-08-0
RTECS #:FG3500000
Fraction by Wt: 0-6.5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:50 PPM
ACGIH TLV:25 PPM; 9293

Ingred Name:NITROGEN
CAS:7727-37-9
RTECS #:QW9700000
Fraction by Wt: BALANCE
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:ASPHYXIAN; 9596

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

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, TACHYPN
EA, NASUEA,
WEAKNESS, DIZZINESS, CONFUSION, HALUCINATIONS, CYANOSIS, ABNORMAL
ELECTROCARDIOGRAM, ANGINA, SYNCOPE. CHRONIC: SOME ACUTE EFFECTS
IDENTIFIED MAY BECOME CHRONIC.
Effects of Overexposure:TARGET ORGANS: CARDIOVASCULAR SYSTEM, LUNGS,
BLOOD, CENTRAL NERVOUS SYSTEM.
Medical Cond Aggravated by Exposure:CHRONIC RESPIRATORY PROBLEMS,
CORONARY ARTERY DISEASE OR HEART DISEASE.

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

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

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

Extinguishing Media:USE METHOD APPROPRIATE TO SURROUNDING FIRE.
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 =====

Spill Release Procedures:EVACUATE AND VENTILATE AREA

REA.

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

Handling and Storage Precautions:STORE IN COOL, DRY AREA. DO NOT PUNCTURE CYLINDER. USE SAFE STORAGE PRACTICES FOR THE STORAGE OF COMPRESSED GAS CYLINDERS.

Other Precautions:EXPOSURE TO TEMPERATURES ABOVE 150F MAY OPERATE EXCESS- PRESSURE VALVE.

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

Respiratory Protection:NONE NECESSARY.

Ventilation:LOCAL EXHAUST AND MECHANICAL VENTILATION RECOMMENDED.

Protective Gloves:NOT REQUIRED

Eye Protection:SAFETY GLASSES RECOMMENDED.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NO SPECIAL PRACTICES REQUIRED.

Supplemental Safety and Health

NONE

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

HCC:G3

Vapor Density:0.97

Solubility in Water:SLIGHT

Appearance and Odor:GAS, COLORLESS, ODORLESS.

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

Stability Indicator/Material

s to Avoid:YES

STRONG OXIDIZERS, BROMINE TRIFLUORIDE, CHLORINE TRIFLUORIDE, LITHIUM, NICKEL, AND OIL IN HIGH PRESSURE EQUIPMENT.

Stability Condition to Avoid:NONE IDENTIFIED.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE.

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

Waste Disposal Methods:EMPTY CONTAINERS MAY BE DISCARDED AS METAL REFUSE, OBSERVING FEDERAL, STATE, AND LOCAL REGULATIONS. DO NOT INCINERATE.

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formation by the compiling agencies):

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