

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

Phone 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

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AS: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

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===== 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, TACHYP  
NEA, 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.

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

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

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===== 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. WITH DRAW IMMEDIATELY IN CASE OF RISING SOUND FROM  
VENTING SAFETY DEVICE.

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

Spill Release Procedures:EVACUATE AND VENTILATE

AREA.

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Handling and Storage  
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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.

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Exposure Controls/Personal Protection  
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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

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Physical/Chemical Properties  
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HCC:G3

Vapor Density:0.97

Solubility in Water:SLIGHT

Appearance and Odor:GAS, COLORLESS, ODORLESS.

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Stability and Reactivity Data  
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Stability Indicator/Materia

Is 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.

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

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