

MINE SAFETY APPLIANCES CO -- 96329 CALIBRATING GAS, 2% METHANE IN AIR --  
4920-01-023-6525

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

Product ID:96329 CALIBRATING GAS, 2% METHANE IN AIR

MSDS Date:03/04/1993

FSC:4920

NIIN:01-023-6525

Kit Part:Y

MSDS Number: BYGYX

=== Responsible Party ===

Company Name:MINE SAFETY APPLIANCES CO

Address:201 N BRADDOCK AVE

Box:426

City:PITTSBURGH

State:PA

ZIP:15230

Country:US

Info Phone Num:412-967-3000

Emergency Phone Num:412-967-3000

CAGE:40912

=== Contractor Identification ===

Company Name:JEFCO PRECISION FASTENERS INC

Address:10 QUAKEROAK ROAD

Box:UNKNOW

City:LEVITTOWN

State:PA

ZIP:19057

Country:US

Phone:215-949-3433

Contract Num:SP0490-01-M-XJ07

CAGE:0PES2

Company Name:MINE SAFETY APPLIANCE (REPLACED BY CAGE 55799)

Address:201 N BRADDOCK AVENUE

Box:426

City:PITTSBURGH

State:PA

ZIP:15230

Country:US

Phone:412-967-3000

CAGE:40912

Company Name:MINE SAFETY APPLIANC

ES CO; INSTRUMENT DIV  
Address:1000 CRANBERRY WOODS DR  
Box:City:CRAMBERRY TWP  
State:PA  
ZIP:16066-5296  
Country:US  
Phone:724-733-9270  
CAGE:1CS58

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Composition/Information on Ingredients  
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Ingred Name:METHANE  
CAS:74-82-8  
RTECS #:PA1490000  
Fraction by Wt: 2.0%  
Other REC Limits:NONE SPECIFIED  
ACGIH TLV:ASPHYXIANT; 9192

Ingred Name:AIR, COMPRESSED  
CAS:25635-88-5  
Fraction by Wt: BALANCE  
Other REC Limits:NONE SPECIFIED

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Hazards Identification  
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LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:METHANE IS A SIMPLE ASPHYXIANT, ACGIH  
1992-93.  
Explanation of Carcinogenicity:COMPONENT GASES ARE NOT LISTED BY NIOSH,  
RTECS, OSHA, IARC OR NTP.  
Effects of Overexposure:THE SIGNS AND SYMPTOMS OF OVEREXPOSURE ARE  
UNKNOWN FOR 2% METHANE IN AIR.  
Medical Cond Aggravated by Expo  
sure:MFR GAVE NO INFORMATION ON MSDS.

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First Aid Measures  
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First Aid:NONE

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Fire Fighting Measures  
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Extinguishing Media:THIS CALIBRATION GAS MIXTURE IS NOT FLAMMABLE.  
Fire Fighting Procedures:GAS UNDER PRESSURE.  
Unusual Fire/Explosion Hazard:GAS UNDER PRESSURE, 115 PSIG AT 70F. DO  
NOT EXCEED 120F.

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Accidental Release Measures  
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Spill Release Procedures:VENTILA

TE AREA.

Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED AREA. DO NOT STORE ABOVE 120F TEMPERATURE.

Other Precautions:AVOID BREATHING GAS.

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

Respiratory Protection:DUE TO THE LIMITED AMOUNT OF GAS IN THE CYLINDER, AND THE LOW RELEASE RATE EMPLOYED IN INSTRUMENT CALIBRATION,

RESPIRATORY PROTECTION IS NOT INDICATED UNDER CONDITIONS OF INTENDED USE.

Ventilation:MECHANICAL VENTILATION IS SUITABLE.

Protective Gloves:MFR GAVE NO INFORMATION ON MSDS.

Eye Protection:MFR GAVE NO INFORMATION ON MSDS.

Other Protective Equipment:MFR GAVE NO INFORMATION ON MSDS.

Work Hygienic Practices:AVOID BREATHING GAS. USE IN WELL VENTILATED AREAS. FOLLOW CALIBRATION PROCEDURE IN THE MSA INSTRUCTION MANUAL.

Supplemental Safety and Health  
OTHER P/N: 454380 (FROM TIR)

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

HCC:G3

NRC/State Lic Num:NONE

Vapor Density: