

MINE SAFETY APPLIANCES CO -- 478192 CALIBRATION CHECK GAS -- 6830-01-333-1692

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Product Identification  
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Product ID:478192 CALIBRATION CHECK GAS

MSDS Date:11/02/1987

FSC:6830

NIIN:01-333-1692

MSDS Number: BNWFJ

=== Responsible Party ===

Company Name:MINE SAFETY APPLIANCES CO

Box:426

City:PITTSBURGH

State:PA

ZIP:15230

Country:US

Info Phone Num:412-967-3000

Emergency Phone Num:412-967-3000

C

AGE:55799

=== Contractor Identification ===

Company Name:MINE SAFETY APPLIANCES CO DBA MSA

Address:3880 MEADOWBROOK RD

Box:City:MURRYSVILLE

State:PA

ZIP:15668-1753

Country:US

Phone:724-733-9272

CAGE:55799

Company Name:MINE SAFETY APPLIANCES 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: 1.45%  
Other REC Limits:NONE RECOMMENDED  
ACGIH TLV:ASPHYXIAN; 9192

Ingred Name:OXYGEN  
CAS:7782-44-7  
RTECS #:RS2060000  
Fraction by Wt: 15%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:NITROGEN  
CAS:7727-37-9  
RTECS #:QW9700000  
Fraction by Wt: BALENCE  
Other REC Limits:NONE RECOMMENDED  
ACGIH TLV:ASPHYXIAN; 9192

===== 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:METHANE IS A SIMPLE ASPHIXIAN.  
Explanation of Carcinogenicity:COMPONENT GASES NOT LISTED IN NIOSH  
RTECS.  
Effects of Overexposure:NONE KNOWN FOR 1.47% METHANE.  
Medical Cond Aggravated by Exposure:NO INFORMATION.

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

First Aid:REMOVE FROM EXPOSURE.

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

Lower Limits:5.3 METHANE  
Upper Limits:14.0 METHANE  
Extinguishing Medi  
a:THIS GAS IS NON FLAMMABLE.  
Fire Fighting Procedures:SEE NEXT ITEM  
Unusual Fire/Explosion Hazard:GAS UNDER PRESSURE, 1000 PSIG @ 70F. DO  
NOT EXCEED 120F,

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

Spill Release Procedures:VENTILATE AREA. AVOID BREATHING GAS.  
Neutralizing Agent:SUPPLIER DID NOT ADDRESS THIS FIELD.

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

Handling and Storage Precautions:STORE IN A COOL, DRY WELL-VENTILATED  
AAREA. DO

NOT EXCEED 120F.  
Other Precautions:NONE

===== 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 VENTILAATION IS SUITABLE.

Protective Gloves:NO INFORMATION GIVEN ON MSDS BY SUPPLIER

Eye Protection:NO INFORMATION GIVEN ON MSDS BY SUPPLIER

Other

Protective Equipment:NO INFORMATION GIVEN ON MSDS BY SUPPLIER

Work Hygienic Practices:AVOID BREATHING GAS.

Supplemental Safety and Health

MSDS RECEIVED FROM NAVY (FOCAL POINT N). NAVY IDENTIFIED NSN.

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

HCC:G3

pH:UNKNON

Appearance and Odor:GAS UNDER PRESSURE

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

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:NONE

Hazardous Decompositi

on Products:SUPPLIER DID NOT ADDRESS THIS FIELD.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DO NOT PUNCTURE OR INCINERATE CYLINDER. BEFORE DISCARDING CYLINDER, SLOWLLY RELEASE CONTENTS TO A SAFE EXHAUST.

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