

CALIBRATION GAS, PRONPANE 0.9% IN AIR, 51-1538

MSDS Number

BXGZZ

National Stock Number

6830-01-181-9823

Product Name

CALIBRATION GAS, PRONPANE 0.9% IN AIR, 51-1538

Manufacturer

BACHARACH INC

Product Identification

Product ID: CALIBRATION GAS, PRONPANE 0.9% IN AIR, 51-1538

MSDS Date: 02/08/1994

FSC: 6830

NIIN: 01-181-9823

MSDS Number: BXGZZ

Responsible Party

BACHARACH INC

625 ALPHA DRIVE

PITTSBURG , PA 15238

US

Emergency Phone: 412-963-2223/800-424-9300(CHEMTREC)

Info Phone: 412-963-2223/FAX 412-963-2091

Cage: 05083

Contractor

BACHARACH INC

PITTSBURGH, PA 15238

US

412-963-2130

Cage: 05083

Ingredients

PROPANE

CAS: 74-98-6

RTECS: TX2275000

Fraction By Weight: 0.9%

OSHA PEL1000 PPM

ACGIH TLV: ASPHYXIAN; 9495

AIR

RTECS: AX5275000

Fraction By Weight: 99.1%

Hazards

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:MATERIAL IS NOT IRRITATING TO TISSUE.
NON-TOXIC. EYE/SKIN:NONE KNOWN OR EXPECTED. INHAL:NONE.PROPANE IS
NON-TOXIC SIMPLE ASPHYXIAANT. CONCEN OF PROPANE IN THIS GAS IS TOO
LOW TO DEPRESS OXYGEN CONCEN. INGEST:NOT APPLICABLE. MATL IS GAS.
CHRONIC:NONE KNOWN OR EXPECTED.

Explanation of Carcinogenicity:PER MSDS:NONE OF COMPONENTS IS LISTED AS
CARCINOGEN OR SUSPECTED CARCINOGEN BY IARC/NTP/OSHA.

Effects of Overexposure:PROPANE IS NON-TOXIC SIMPLE ASPHYXIAANT.

Medical Cond Aggravated by Exposure:NONE KNOWN OR EXPECTED.

First Aid

First Aid:EYE:NONE NEEDED. SKIN:NONE NEEDED. INHAL:NONE NEEDED.
INGEST:NONE NEEDED.

Fire Fighting

Flash Point:NON-FLAMMABLE

Lower Limits:2.1

Upper Limits:9.5

Extinguishing Media:FOR PROPANE:FLASH PT:-16C(CC), AUTOIGN:450C.THIS
GAS IS NOT FLAMM.HOWEVER USE APPROPRIATE EXT MEDIA FOR SURROUNDING
FIRE

Fire Fighting Procedures:COOL EXPO CNTNRS W/WATER.FIREFIGHTERS SHOULD
WEAR NIOSH APPROVED +PRESSURE SCBA & FULL PROTECTIVE CLOTHING.USE
SHIELDING TO PROTECT FRM CYLINDER EXPLOSION.

Unusual Fire/Explosion Hazard:CYL MAY RUPTURE/EXPLO @HI
TEMP/DAMAGED.MIXTURE IS BELOW LEL OF PROPANE/NON-FLAMM.COMPRESSED
AIR/PROPANE MIXTURES @HI PRESSURE WILL ACCELERATE BURNING OF
(SUPPL)

Accidental Release

Spill Release Procedures:NONE NEEDED. THIS MATERIAL IN NON-TOXIC &
NON-FLAMMABLE.

Handling

Handling and Storage Precautions:DO NOT PUNCTURE.NEVER THROW CNTNR INTO
FIRE/INCINERATOR.DO NOT DROP/DMG.USE ONLY W/EQPMT OF PROPER
PRESSURE RATING.DO NOT TAMPER W/PRESSURE RELIEF VAL

Other Precautions:CLOSE CYL VALVE WHEN CYL NOT IN USE/EMPTY.CONTENTES
UNDER HI PRESS.KEEP CYL AWAY FRM HEAT/FLAME.ADDN HNDLG
RECOMMENDATIONS ON COMPRESS GAS CYL CONSULT COMPRESSED GAS ASSOC
PAMPHLET P-1.DO NOT STORE CYL NEAR HEAT/OPN FLAME.EXPO TO TEMP
(SUPP)

Exposure Controls

Respiratory Protection:NONE NEEDED.

Ventilation:NO SPECIAL VENTILATION REQUIRED.

Protective Gloves:LEATHER GLOVES FOR CYL HANDLING.

Eye Protection:SAFETY GLASSES RECOMMENDED.

Other Protective Equipment:NONE NEEDED.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRE/EXPLO HAZ:OTHER MATLS.GAS CYL EXPO TO HEAT/FLAME MAY VENT RAPIDLY
OR EXPLODE. OTHER PRECAUTION:ABOVE 130F MAY CAUSE RUPTURE.SECURE
CYL.DO NOT DROP.WHEN REMOVABLE CAP IS PROVIDED STORE/HANDLE W/CA P
IN PLACE.

Chemical Properties

HCC:G3

Boiling Pt:B.P. Text:-12C PROPAN

Melt/Freeze Pt:M.P/F.P Text:-306F PRAPA

Vapor Density:>1.0

Spec Gravity:>1.0

Solubility in Water:NEGLIGIBLE.

Appearance and Odor:COLORLESS,ODORLESS,TASTELESS COMPRESSED GAS IN
CYLINDER.

Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid: YES

NONE KNOWN.

Stability Condition to Avoid: AVOID HEAT OR FLAMES.

Hazardous Decomposition Products: NONE KNOWN.

Disposal

Waste Disposal Methods: DISPOSE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE CYLINDER. ECOLOGICAL EFFECTS OF PRODUCT HAVE NOT BEEN EVALUATED. CONTAINS NO SARA 313 CHEM OR CERCLA SEC 103.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.