1. IDENTIFICATION

Product identifier
Product Name
METHYL BROMIDE (<5%), OXYGEN (<0.2%) In ARGON, HELIUM, KRYPTON, NEON, NITROGEN or XENON

Other means of identification
Safety data sheet number
LIND-M0126
UN/ID no.
UN1956

Recommended use of the chemical and restrictions on use
Recommended Use
Industrial and professional use. Lighting gas applications.
Uses advised against
Consumer use

Details of the supplier of the safety data sheet
Linde Gas North America LLC - Linde Merchant Production Inc. - Linde LLC
575 Mountain Ave.
Murray Hill, NJ 07974
Phone: 908-464-8100
www.lindeus.com

Linde Gas Puerto Rico, Inc.
Road 869, Km 1.8
Barrio Palmas, Catano, PR 00962
Phone: 787-641-7445
www.pr.lindegas.com

Linde Canada Limited
5860 Chedworth Way
Mississauga, Ontario L5R 0A2
Phone: 905-501-1700
www.lindecanada.com

* May include subsidiaries or affiliate companies/ divisions.

For additional product information contact your local customer service.

Emergency telephone number
Company Phone Number
800-232-4726 (Linde National Operations Center, US)
905-501-0802 (Canada)
CHEMTREC: 1-800-424-9300 (North America) +1-703-527-3887 (International)
2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

<table>
<thead>
<tr>
<th>Hazardous Property</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - Inhalation (Gases)</td>
<td>4</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>2</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>2</td>
</tr>
<tr>
<td>Gases under pressure</td>
<td>Compressed gas</td>
</tr>
</tbody>
</table>

Label elements

Signal word
Warning

Hazard Statements
Contains gas under pressure; may explode if heated
Harmful if inhaled
Suspected of causing genetic defects
May cause damage to nervous system, lung, kidney and liver through prolonged or repeated exposure
Symptoms may be delayed

Precautionary Statements - Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Do not breathe gas.
Use and store only outdoors or in a well ventilated place
Wear protective gloves, protective clothing, eye protection, respiratory protection, and/ or face protection
Use a backflow preventive device in piping
Use only with equipment rated for cylinder pressure
Close valve after each use and when empty

Precautionary Statements - Response
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell. IF EXPOSED OR CONCERNED: Get medical advice/ attention.

Precautionary Statements - Storage
Store locked up
Protect from sunlight when ambient temperature exceeds 52°C/ 125°F

Precautionary Statements - Disposal
Dispose of contents/ containers in accordance with container supplier/ owner instructions

Hazards not otherwise classified (HNOC)
Not applicable
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Volume %</th>
<th>Chemical Formula</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xenon</td>
<td>7440-63-3</td>
<td>0-99</td>
<td>Xe</td>
</tr>
<tr>
<td>Nitrogen</td>
<td>7727-37-9</td>
<td>0-99</td>
<td>N&lt;sub&gt;2&lt;/sub&gt;</td>
</tr>
<tr>
<td>Neon</td>
<td>7440-01-9</td>
<td>0-99</td>
<td>Ne</td>
</tr>
<tr>
<td>Krypton</td>
<td>7439-90-9</td>
<td>0-99</td>
<td>Kr</td>
</tr>
<tr>
<td>Helium</td>
<td>7440-59-7</td>
<td>0-99</td>
<td>He</td>
</tr>
<tr>
<td>Argon</td>
<td>7440-37-1</td>
<td>0-99</td>
<td>Ar</td>
</tr>
<tr>
<td>Methyl bromide (Bromomethane)</td>
<td>74-83-9</td>
<td>&lt;5</td>
<td>CH&lt;sub&gt;3&lt;/sub&gt;Br</td>
</tr>
<tr>
<td>Oxygen</td>
<td>7782-44-7</td>
<td>&lt;1</td>
<td>O&lt;sub&gt;2&lt;/sub&gt;</td>
</tr>
</tbody>
</table>

Composition listed covers broad ranges rather than exact percentages for specific products.

4. FIRST AID MEASURES

Description of first aid measures

General advice
Show this safety data sheet to the doctor in attendance.

Inhalation
Remove to fresh air and keep comfortable for breathing. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Get medical attention immediately.

Skin contact
Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.

Eye contact
Immediately flush eye with running water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if symptoms occur.

Ingestion
Not an expected route of exposure.

Most important symptoms and effects, both acute and delayed

Symptoms
Methyl bromide is a nervous system depressant. Prolonged inhalation of this gas mixture may cause headache, dizziness, abdominal pain, nausea, vomiting, chest pain, difficulty breathing, visual disturbances, muscular pain and numbness. Symptoms of overexposure may be delayed for 1 to 48 hours.

Simple asphyxiant. May cause suffocation by displacing the oxygen in the air. Exposure to oxygen-deficient atmosphere (<19.5%) may cause dizziness, drowsiness, nausea, vomiting, excess salivation, diminished mental alertness, loss of consciousness and death. Exposure to atmospheres containing 8-10% or less oxygen will bring about unconsciousness without warning and so quickly that the individuals cannot help or protect themselves. Lack of sufficient oxygen may cause serious injury or death.

Indication of any immediate medical attention and special treatment needed

Note to physicians
Treat symptomatically.

5. FIRE-FIGHTING MEASURES
Suitable extinguishing media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific extinguishing methods
Continue to cool fire exposed cylinders until flames are extinguished. Damaged cylinders should be handled only by specialists.

Specific hazards arising from the chemical
Non-flammable gas. Cylinders may rupture under extreme heat.

Hazardous combustion products

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions
Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Ensure adequate ventilation, especially in confined areas. Monitor concentration of released product. Monitor oxygen level. Use personal protection recommended in Section 8. Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe.

Environmental precautions

Environmental precautions
Prevent spreading of vapors through sewers, ventilation systems and confined areas.

Methods and material for containment and cleaning up

Methods for containment
Stop the flow of gas or remove cylinder to outdoor location if this can be done without risk. If leak is in container or container valve, contact the appropriate emergency telephone number in Section 1 or call your closest Linde location.

Methods for cleaning up
Return cylinder to Linde or an authorized distributor.

7. HANDLING AND STORAGE

Precautions for safe handling
Advice on safe handling

Protect cylinders from physical damage; do not drag, roll, slide or drop. Never attempt to lift a cylinder by its valve protection cap. When moving cylinders, even for short distance, use a cart designed to transport cylinders. Never insert an object (e.g. wrench, screwdriver, pry bar, etc.) into valve cap openings. Doing so may damage valve, causing leak to occur. Use an adjustable strap wrench to remove over-tight or rusted caps. Use only with adequate ventilation. Use a backflow preventive device in piping. Use only with equipment rated for cylinder pressure. Close valve after each use and when empty. If user experiences any difficulty operating cylinder valve discontinue use and contact supplier. Ensure the complete gas system has been checked for leaks before use.

Never put cylinders into trunks of cars or unventilated areas of passenger vehicles. Never attempt to refill a compressed gas cylinder without the owner's written consent. Never strike an arc on a compressed gas cylinder or make a cylinder a part of an electrical circuit.

Only experienced and properly instructed persons should handle gases under pressure. Always store and handle compressed gas cylinders in accordance with Compressed Gas Association, pamphlet CGA-P1, Safe Handling of Compressed Gases in Containers.
For additional recommendations consult Compressed Gas Association's (CGA) Safety Bulletin SB-2, Oxygen-Deficient Atmospheres.

Conditions for safe storage, including any incompatibilities

Storage Conditions
Store in cool, dry, well-ventilated area of non-combustible construction away from heavily trafficked areas and emergency exits. Keep at temperatures below 52°C / 125°F. Cylinders should be stored upright with valve protection cap in place and firmly secured to prevent falling. Full and empty cylinders should be segregated. Use a “first in-first out” inventory system to prevent full cylinders from being stored for excessive periods of time. Stored containers should be periodically checked for general condition and leakage.

Incompatible materials

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl bromide (Bromomethane)</td>
<td>TWA: 1 ppm</td>
<td>Ceiling: 20 ppm</td>
<td></td>
</tr>
<tr>
<td>74-83-9</td>
<td>S*</td>
<td>Ceiling: 80 mg/ m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) TWA: 5 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) TWA: 20 mg/ m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>IDLH: 250 ppm</td>
<td></td>
</tr>
</tbody>
</table>

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Local exhaust ventilation to prevent accumulation of high concentrations and maintain air-oxygen levels at or above 19.5%. Systems under pressure should be regularly checked for leakages.

Individual protection measures, such as personal protective equipment

Eye/face protection
Wear safety glasses with side shields (or goggles).

Skin and body protection
Work gloves and safety shoes are recommended when handling cylinders.

Respiratory protection
Use positive pressure airline respirator with escape cylinder or self contained breathing apparatus for oxygen-deficient atmospheres (<19.5%). If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Product Information
Physical state
Compressed gas
Appearance
Colorless.

Odor
Odorless.

Odor threshold
No information available

pH
No data available

Melting point
No data available

Evaporation rate
Not applicable

Flammability Limit in Air
Lower flammability limit:
Not applicable

Upper flammability limit:
Not applicable

Flash point
Not applicable.

Autoignition temperature
No data available

Decomposition temperature
No data available

Partition coefficient
No data available

Kinematic viscosity
Not applicable

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Molecular weight</th>
<th>Boiling point</th>
<th>Vapor Pressure</th>
<th>Vapor density (air =1)</th>
<th>Gas Density kg/ m³@ 20°C</th>
<th>Critical Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xenon</td>
<td>131.29</td>
<td>-108.1 °C</td>
<td>Above critical temperature</td>
<td>4.55</td>
<td>5.472</td>
<td>16.6 °C</td>
</tr>
<tr>
<td>Nitrogen</td>
<td>28.01</td>
<td>-196 °C</td>
<td>Above critical temperature</td>
<td>0.97</td>
<td>1.153</td>
<td>-146.9 °C</td>
</tr>
<tr>
<td>Neon</td>
<td>20.17</td>
<td>-246.1 °C</td>
<td>Above critical temperature</td>
<td>0.694</td>
<td>0.922</td>
<td>-228.8 °C</td>
</tr>
<tr>
<td>Krypton</td>
<td>83.79</td>
<td>-153.4 °C</td>
<td>Above critical temperature</td>
<td>2.89</td>
<td>3.479</td>
<td>-228.8 °C</td>
</tr>
<tr>
<td>Helium</td>
<td>4.00</td>
<td>-268.9 °C</td>
<td>Above critical temperature</td>
<td>0.138</td>
<td>0.165</td>
<td>-267.9 °C</td>
</tr>
<tr>
<td>Argon</td>
<td>39.95</td>
<td>-185.9 °C</td>
<td>Above critical temperature</td>
<td>1.38</td>
<td>1.65</td>
<td>-122.3 °C</td>
</tr>
<tr>
<td>Methyl bromide (Bromomethane)</td>
<td>99.944</td>
<td>3.6 °C</td>
<td>27.5 psig (189.6 kPa) @ 70 °C</td>
<td>3.3</td>
<td>3.974</td>
<td>194 °C</td>
</tr>
<tr>
<td>Oxygen</td>
<td>31.99</td>
<td>-182.9 °C</td>
<td>Above critical temperature</td>
<td>1.11</td>
<td>1.331</td>
<td>-118.6 °C</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions

Chemical stability
Stable under normal conditions.

Explosion data
Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Possibility of Hazardous Reactions
None under normal processing.

Conditions to avoid
Excessive heat.

Incompatible materials

Hazardous Decomposition Products
11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

**Inhalation**
Ninety workers exposed to concentrations generally above 35 ppm for 2 weeks exhibited nausea, vomiting, headache, skin lesions, and symptoms of mild systemic poisoning.

**Skin contact**
May cause irritation. May be harmful if absorbed through skin.

**Eye contact**
May cause irritation.

**Ingestion**
Not an expected route of exposure.

Information on toxicological effects

**Symptoms**
Methyl bromide is a nervous system depressant. Prolonged inhalation of this gas mixture may cause headache, dizziness, abdominal pain, nausea, vomiting, chest pain, difficulty breathing, visual disturbances, muscular pain and numbness. Symptoms of overexposure may be delayed for 1 to 48 hours.

Simple asphyxiant. May cause suffocation by displacing the oxygen in the air. Exposure to oxygen-deficient atmosphere (<=18%) may cause dizziness, drowsiness, nausea, vomiting, excess salivation, diminished mental alertness, loss of consciousness and death. Exposure to atmospheres containing 8-10% or less oxygen will bring about unconsciousness without warning and so quickly that the individuals cannot help or protect themselves. Lack of sufficient oxygen may cause serious injury or death.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Irritation**
Not classified.

**Sensitization**
Not classified.

**Germ cell mutagenicity**
Category 2. Methyl bromide is genotoxic in both in vitro and in vivo studies.

**Carcinogenicity**
The table below indicates whether each agency has listed any ingredient as a carcinogen.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl bromide (Bromomethane)</td>
<td>-</td>
<td>Group 3</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Reproductive toxicity**
Although methyl bromide has caused testicular alterations and reduced plasma testosterone concentrations in acute and chronic exposures in test animals, other studies indicate no effect. Data indicates the possibility of tetratogenic and reproductive effects.

**STOT - single exposure**
Not classified.

**STOT - repeated exposure**
Category 2.

**Chronic toxicity**
May cause central nervous system depression. May cause adverse liver and kidney effects.

**Subchronic toxicity**
High doses of methyl bromide (inhalation of 200, 300 or 400 ppm for 6 weeks, 150 ppm for 11 weeks) produced liver, pancreas, heart and brain cortex necrosis in rats. Rats and guinea pigs exhibited no toxic effects following exposure to 64 ppm/ 7-8 hr/ day for six months. At the same doses, rabbits exhibited pulmonary irritation and paralysis while monkeys displayed convulsions. Lungs, Kidney, Respiratory system, Eyes, Skin, Central nervous system (CNS).

**Target Organ Effects**
Not applicable.

**Numerical measures of toxicity**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
<th>Inhalation LC50 (CGA P-20)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl bromide (Bromomethane)</td>
<td>=214 mg/ kg (Rat)</td>
<td>-</td>
<td>-</td>
<td>850 ppm (Rat) 1hr</td>
</tr>
</tbody>
</table>
Product Information
Oral LD50
No information available
Dermal LD50
No information available
Inhalation LC50
No information available

The following values are calculated based on chapter 3.1 of the GHS document.
ATEmix (inhalation-gas) >8500 ppm

12. ECOLOGICAL INFORMATION

Ecotoxicity
Toxic to aquatic organisms.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/ aquatic plants</th>
<th>Fish</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl bromide (Bromomethane)</td>
<td>3.2: 48 h Scenedesmus quadricauda mg/L EC50</td>
<td>11: 96 h Lepomis macrochirus mg/L LC50 static 0.7: 96 h Oryzias latipes mg/L LLC50 semi-static 0.8: 96 h Poecilia reticulata mg/L LC50 semi-static</td>
<td>2: 48 h Daphnia magna mg/L EC50 1.7: 48 h Daphnia magna mg/L LC50 Static</td>
</tr>
</tbody>
</table>

Persistence and degradability
No information available.

Bioaccumulation
No information available.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl bromide (Bromomethane)</td>
<td>99</td>
</tr>
</tbody>
</table>

Ozone depletion potential (ODP) (R-11 =1): 0.7 (Methyl Bromide) 1

13. DISPOSAL CONSIDERATIONS

Waste treatment methods
Disposal of wastes
Do not attempt to dispose of residual waste or unused quantities. Return in the shipping container PROPERLY LABELED WITH ANY VALVE OUTLET PLUGS OR CAPS SECURED AND VALVE PROTECTION CAP IN PLACE to Linde for proper disposal.

14. TRANSPORT INFORMATION

Note: The technical names of components listed as part of shipping description will depend on specific mixture composition and/ or balance gas.

DOT
UN/ ID no. UN1956
Proper shipping name Compressed gas, n.o.s.
Hazard Class 2.2
Description UN1956, Compressed gas, n.o.s.(Methyl bromide (Bromomethane), Oxygen, XXXXX), 2.2
Emergency Response Guide Number 126

TDG
UN/ ID no. UN1956
Proper shipping name Compressed gas, n.o.s.
Hazard Class 2.2
Description UN1956, Compressed gas, n.o.s.(Methyl Bromide, Oxygen, XXXXX), 2.2
LIND-M0126 METHYL BROMIDE (<5%), OXYGEN (<0.2%) In ARGON, HELIUM, KRYPTON, NEON, NITROGEN or XENON

Revision Date 21-May-2015

_____________________________________________________________________________________________

MEX

UN/ID no. UN1956
Proper shipping name Compressed gas, n.o.s.
Hazard Class 2.2
Description UN1956, Compressed gas, n.o.s. (Methyl bromide (Bromomethane), Oxygen, XXXXX), 2.2

IATA

UN/ID no. UN1956
Proper shipping name Compressed gas, n.o.s.
Hazard Class 2.2
ERG Code 2L
Description UN1956, Compressed gas, n.o.s. (Methyl bromide (Bromomethane), Oxygen, XXXXX), 2.2

IMDG

UN/ID no. UN1956
Proper shipping name Compressed gas, n.o.s.
Hazard Class 2.2
EmS-No. F-C, S-V
Special Provisions 274
Description UN1956, Compressed gas, n.o.s. (Methyl bromide (Bromomethane), Oxygen, XXXXX), 2.2

ADR

UN/ID no. UN1956
Proper shipping name Compressed gas, n.o.s.
Hazard Class 2.2
Classification code 1A
Tunnel restriction code (E)
Special Provisions 274, 655
Description UN1956, Compressed gas, n.o.s. (Methyl bromide (Bromomethane), Oxygen, XXXXX), 2.2, (E)

Labels 2.2

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL/NDSL Complies
EINECS/ELINCS Complies

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/ Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/ European List of Notified Chemical Substances

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl bromide (Bromomethane) - 74-83-9</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>
CERCLA
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA/ SARA RQ</th>
<th>Reportable Quantity (RQ)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl bromide (Bromomethane)</td>
<td>1000 lb</td>
<td>1000 lb</td>
<td>1000 lb</td>
</tr>
</tbody>
</table>

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Hazardous air pollutants (HAPs) content</th>
<th>VOC Chemicals</th>
<th>Class 1</th>
<th>Class 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl bromide (Bromomethane)</td>
<td>74-83-9</td>
<td>Group IV</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CWA (Clean Water Act)
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl bromide (Bromomethane)</td>
<td>-</td>
<td>X</td>
<td>X</td>
<td>-</td>
</tr>
</tbody>
</table>

Risk and Process Safety Management Programs
This material, as supplied, contains one or more regulated substances with specified thresholds under 40 CFR Part 68 or regulated as a highly hazardous chemical pursuant to the 29 CFR Part 1910.110 with specified thresholds:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>U.S. - CAA (Clean Air Act) - Accidental Release Prevention - Toxic Substances</th>
<th>U.S. - CAA (Clean Air Act) - Accidental Release Prevention - Flammable Substances</th>
<th>U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl bromide (Bromomethane)</td>
<td></td>
<td></td>
<td>2500 lb</td>
</tr>
</tbody>
</table>

US State Regulations

California Proposition 65
This product contains the following Proposition 65 chemicals

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Proposition 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl bromide (Bromomethane)</td>
<td>Developmental</td>
</tr>
</tbody>
</table>

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
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<tbody>
<tr>
<td>Neon</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>7440-01-9</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Argon</td>
<td>X</td>
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<tr>
<td>7440-37-1</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Helium</td>
<td>X</td>
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<tr>
<td>7440-59-7</td>
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</tr>
<tr>
<td>Xenon</td>
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<tr>
<td>7440-63-3</td>
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</tr>
<tr>
<td>Nitrogen</td>
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</tr>
<tr>
<td>7727-37-9</td>
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<tr>
<td>Methyl bromide (Bromomethane)</td>
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<tr>
<td>74-83-9</td>
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<tr>
<td>Oxygen</td>
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<td>7782-44-7</td>
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International Regulations

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<tr>
<th>Chemical Name</th>
<th>Carcinogenicity</th>
<th>Exposure Limits</th>
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<tbody>
<tr>
<td>Methyl bromide (Bromomethane)</td>
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<td>Mexico: TWA 15 ppm</td>
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<td></td>
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<td>Mexico: TWA 20 mg/ m³</td>
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<tr>
<td></td>
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<td>Mexico: STEL 15 ppm</td>
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<td>Mexico: STEL 60 mg/ m³</td>
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</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>NPRI</th>
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<td>Methyl bromide (Bromomethane)</td>
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Legend
Canada NPRI - National Pollutant Release Inventory

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Properties</th>
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Note: Ratings were assigned in accordance with Compressed Gas Association (CGA) guidelines as published in CGA Pamphlet P-19-2009, CGA Recommended Hazard Ratings for Compressed Gases, 3rd Edition.

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Revision Note Initial Release

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End of Safety Data Sheet