Inert Gas(es) (ar, he, ne, and/or ni)-chlorine 0.1 ppm -0.68%

Safety Data Sheet P-18-2117
Date of issue: 05/26/2015

### SECTION 1: Product and company identification

#### 1.1. Product identifier

<table>
<thead>
<tr>
<th>Product form</th>
<th>Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other means of identification</td>
<td>Mixture of Chlorine in Inert Gas(es) (ar, he, ne, and/or ni)</td>
</tr>
</tbody>
</table>

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

| Use of the substance/mixture | Industrial use. Use as directed. |

#### 1.3. Details of the supplier of the safety data sheet

Praxair, Inc.
39 Old Ridgebury Road
Danbury, CT 06810-5113 - USA
T 1-800-772-9247 (1-800-PRAXAIR) - F 1-716-879-2146
www.praxair.com

#### 1.4. Emergency telephone number

<table>
<thead>
<tr>
<th>Emergency number</th>
<th>Onsite Emergency: 1-800-645-4633</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CHEMTREC, 24hr/day 7days/week — Within USA: 1-800-424-9300, Outside USA: 001-703-527-3887 (collect calls accepted, Contract 17729)</td>
</tr>
</tbody>
</table>

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification (GHS-US)**
- Compressed gas H280
- Aquatic Acute 2 H401

#### 2.2. Label elements

**GHS-US labeling**

<table>
<thead>
<tr>
<th>Hazard pictograms (GHS-US)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>GHS04</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Signal word (GHS-US)</th>
<th>WARNING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard statements (GHS-US)</td>
<td>H280 - CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED H401 - TOXIC TO AQUATIC LIFE OSHA-H01 - MAY DISPLACE OXYGEN AND CAUSE RAPID SUFFOCATION.</td>
</tr>
<tr>
<td>Precautionary statements (GHS-US)</td>
<td>P273 - Avoid release to the environment. CGA-PG02 - Protect from sunlight when ambient temperature exceeds 52°C (125°F). P271+P403 - Use and store only outdoors or in a well-ventilated place. P501 - Dispose of contents/container in accordance with container supplier/owner instructions.</td>
</tr>
</tbody>
</table>

#### 2.3. Other hazards

| Other hazards not contributing to the classification | Asphyxiating in high concentrations. |

#### 2.4. Unknown acute toxicity (GHS-US)

No data available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable
Inert Gas(es) (ar, he, ne, and/or ni)-chlorine 0.1 ppm -0.68%

Safety Data Sheet P-18-2117
Date of issue: 05/26/2015

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Argon</td>
<td>(CAS No) 7440-37-1</td>
<td>0 - 99.99999</td>
</tr>
<tr>
<td>Helium</td>
<td>(CAS No) 7440-59-7</td>
<td>0 - 99.99999</td>
</tr>
<tr>
<td>Neon</td>
<td>(CAS No) 7440-01-9</td>
<td>0 - 99.99999</td>
</tr>
<tr>
<td>Nitrogen</td>
<td>(CAS No) 7727-37-9</td>
<td>0 - 99.99999</td>
</tr>
<tr>
<td>Chlorine</td>
<td>(CAS No) 7782-50-9</td>
<td>0.00001 - 0.68</td>
</tr>
</tbody>
</table>

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation: Immediately remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, qualified personnel may give oxygen. Call a physician.

First-aid measures after eye contact: Immediately flush eyes thoroughly with water for at least 15 minutes. Hold the eyelids open and away from the eyeballs to ensure that all surfaces are flushed thoroughly. Contact an ophthalmologist immediately.

4.2. Most important symptoms and effects, both acute and delayed

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

None.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

5.2. Special hazards arising from the substance or mixture

Reactivity: No reactivity hazard other than the effects described in sub-sections below.

5.3. Advice for firefighters

Firefighting instructions: Evacuate all personnel from the danger area. Use self-contained breathing apparatus (SCBA) and protective clothing. Immediately cool containers with water from maximum distance. Stop flow of gas if safe to do so, while continuing cooling water spray. Remove ignition sources if safe to do so. Remove containers from area of fire if safe to do so. On-site fire brigades must comply with OSHA 29 CFR 1910.156 and applicable standards under 29 CFR 1910 Subpart L—Fire Protection.

Protection during firefighting: Compressed gas: asphyxiant. Suffocation hazard by lack of oxygen.

Special protective equipment for fire fighters: Standard protective clothing and equipment (Self Contained Breathing Apparatus) for fire fighters.

Other information: Containers are equipped with a pressure relief device. (Exceptions may exist where authorized by DOT.).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent waste from contaminating the surrounding environment. Prevent soil and water pollution. Dispose of contents/container in accordance with local/regional/national/international regulations. Contact supplier for any special requirements.

6.3. Methods and material for containment and cleaning up

No additional information available
Inert Gas(es) (ar, he, ne, and/or ni)-chlorine 0.1 ppm -0.68%

Safety Data Sheet P-18-2117
Date of issue: 05/26/2015

6.4. Reference to other sections
See also sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

Wear leather safety gloves and safety shoes when handling cylinders. Protect cylinders from physical damage; do not drag, roll, slide or drop. While moving cylinder, always keep in place removable valve cover. Never attempt to lift a cylinder by its cap; the cap is intended solely to protect the valve. When moving cylinders, even for short distances, use a cart (trolley, hand truck, etc.) designed to transport cylinders. Never insert an object (e.g., wrench, screwdriver, pry bar) into cap openings; doing so may damage the valve and cause a leak. Use an adjustable strap wrench to remove over-tight or rusted caps. Slowly open the valve. If the valve is hard to open, discontinue use and contact your supplier. Close the container valve after each use; keep closed even when empty. Never apply flame or localized heat directly to any part of the container. High temperatures may damage the container and could cause the pressure relief device to fail prematurely, venting the container contents. For other precautions in using this product, see section 16.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

Store in a cool, well-ventilated place. Store and use with adequate ventilation. Store only where temperature will not exceed 125°F (52°C). Firmly secure containers upright to keep them from falling or being knocked over. Install valve protection cap, if provided, firmly in place by hand. Store full and empty containers separately. Use a first-in, first-out inventory system to prevent storing full containers for long periods.

OTHER PRECAUTIONS FOR HANDLING, STORAGE, AND USE: When handling product under pressure, use piping and equipment adequately designed to withstand the pressures to be encountered. Never work on a pressurized system. Use a back flow preventive device in the piping. Gases can cause rapid suffocation because of oxygen deficiency; store and use with adequate ventilation. If a leak occurs, close the container valve and blow down the system in a safe and environmentally correct manner in compliance with all international, federal/national, state/provincial, and local laws; then repair the leak. Never place a container where it may become part of an electrical circuit.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th></th>
<th>ACGIH TLV-TWA (ppm)</th>
<th>ACGIH TLV-STEEL (ppm)</th>
<th>USA OSHA OSHA PEL (Ceiling) (mg/m³)</th>
<th>USA OSHA OSHA PEL (Ceiling) (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlorine (7782-50-5)</td>
<td></td>
<td></td>
<td>0.5 ppm</td>
<td></td>
</tr>
<tr>
<td>ACGIH</td>
<td></td>
<td></td>
<td>1 ppm</td>
<td></td>
</tr>
<tr>
<td>USA OSHA</td>
<td></td>
<td>OSHA PEL (Ceiling) (mg/m³)</td>
<td>3 mg/m³</td>
<td></td>
</tr>
<tr>
<td>USA OSHA</td>
<td></td>
<td>OSHA PEL (Ceiling) (ppm)</td>
<td>1 ppm</td>
<td></td>
</tr>
<tr>
<td>Argon (7440-37-1)</td>
<td>Not established</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USA OSHA</td>
<td>Not established</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Helium (7440-59-7)</td>
<td>Not established</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USA OSHA</td>
<td>Not established</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neon (7440-01-9)</td>
<td>Not established</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USA OSHA</td>
<td>Not established</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Inert Gas(es) (ar, he, ne, and/or ni)-chlorine 0.1 ppm -0.68%

Safety Data Sheet P-18-2117
Date of issue: 05/26/2015

<table>
<thead>
<tr>
<th>Nitrogen (7727-37-9)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>Not established</td>
</tr>
<tr>
<td>USA OSHA</td>
<td>Not established</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Appropriate engineering controls: Provide adequate general and local exhaust ventilation. Ensure exposure is below occupational exposure limits (where available).

Eye protection: Wear safety glasses when handling cylinders; vapor-proof goggles and a face shield during cylinder changeout or whenever contact with product is possible. Select eye protection in accordance with OSHA 29 CFR 1910.133.

Skin and body protection: Wear metatarsal shoes and work gloves for cylinder handling, and protective clothing where needed. Wear appropriate chemical gloves during cylinder changeout or wherever contact with product is possible. Select eye protection in accordance with OSHA 29 CFR 1910.132, 1910.136, and 1910.138.

Respiratory protection: When workplace conditions warrant respirator use, follow a respiratory protection program that meets OSHA 29 CFR 1910.134, ANSI Z88.2, or MSHA 30 CFR 72.710 (where applicable). Use an air-supplied or air-purifying cartridge if the action level is exceeded. Ensure that the respirator has the appropriate protection factor for the exposure level. If cartridge type respirators are used, the cartridge must be appropriate for the chemical exposure (e.g., an organic vapor cartridge). For emergencies or instances with unknown exposure levels, use a self-contained breathing apparatus (SCBA).

Self contained breathing apparatus (SCBA) or positive pressure airline with mask are to be used in oxygen-deficient atmospheres.

Thermal hazard protection: Wear cold insulating gloves when transfilling or breaking transfer connections.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state: Gas
- Color: Colorless
- Odor: No data available
- Odor threshold: No data available
- pH: Not applicable.
- Relative evaporation rate (butyl acetate=1): No data available
- Relative evaporation rate (ether=1): Not applicable.
- Melting point: No data available
- Freezing point: No data available
- Boiling point: No data available
- Flash point: No data available
- Auto-ignition temperature: No data available
- Decomposition temperature: No data available
- Flammability (solid, gas): No data available
- Vapor pressure: Not applicable.
- Relative vapor density at 20 °C: No data available
- Relative density: No data available
- Solubility: Water: No data available
- Log Pow: Not applicable.
- Log Kow: Not applicable.
- Viscosity, kinematic: Not applicable.
- Viscosity, dynamic: Not applicable.
- Explosive properties: Not applicable.
- Oxidizing properties: None.
- Explosion limits: No data available

This document is only controlled while on the Praxair, Inc. website and a copy of this controlled version is available for download. Praxair cannot assure the integrity or accuracy of any version of this document after it has been downloaded or removed from our website.
Inert Gas(es) (ar, he, ne, and/or ni) - chlorine 0.1 ppm - 0.68%

Safety Data Sheet P-18-2117
Date of issue: 05/26/2015

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
No reactivity hazard other than the effects described in sub-sections below.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
No additional information available

10.4. Conditions to avoid
No additional information available

10.5. Incompatible materials
No additional information available

10.6. Hazardous decomposition products
No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

**Chlorine (7782-50-5)**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 inhalation rat (ppm)</td>
<td>146.5 ppm/4h</td>
</tr>
<tr>
<td>ATE US (gases)</td>
<td>146.500 ppmV/4h</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation
pH: Not classified

Serious eye damage/irritation
pH: Not applicable.

Respiratory or skin sensitization
Germ cell mutagenicity
Carcinogenicity
Reproductive toxicity
Specific target organ toxicity (single exposure)
Specific target organ toxicity (repeated exposure)
Aspiration hazard

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

**Chlorine (7782-50-5)**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
<td>0.44 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through])</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>0.017 mg/l (Exposure time: 48 h - Species: Daphnia magna)</td>
</tr>
<tr>
<td>LC50 fish 2</td>
<td>0.014 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

**Inert Gas(es) (ar, he, ne, and/or ni) - chlorine 0.1 ppm - 0.68%**

Persistence and degradability
No ecological damage caused by this product.

This document is only controlled while on the Praxair, Inc. website and a copy of this controlled version is available for download. Praxair cannot assure the integrity or accuracy of any version of this document after it has been downloaded or removed from our website.
**Inert Gas(es) (ar,he,ne, and/or ni)-chlorine 0.1 ppm -0.68%**

Safety Data Sheet P-18-2117


Date of issue: 05/26/2015

### Chlorine (7782-50-5)

| Persistence and degradability | Not applicable for inorganic gases. |

### Argon (7440-37-1)

| Persistence and degradability | No ecological damage caused by this product. |

### Helium (7440-59-7)

| Persistence and degradability | No ecological damage caused by this product. |

### Neon (7440-01-9)

| Persistence and degradability | No ecological damage caused by this product. |

### Nitrogen (7727-37-9)

| Persistence and degradability | No ecological damage caused by this product. |

#### 12.3. Bioaccumulative potential

**Inert Gas(es) (ar,he,ne, and/or ni)-chlorine 0.1 ppm -0.68%**

<table>
<thead>
<tr>
<th>Log Pow</th>
<th>Not applicable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Log Kow</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>No ecological damage caused by this product.</td>
</tr>
</tbody>
</table>

**Chlorine (7782-50-5)**

| BCF fish 1 | (no bioaccumulation expected) |
| Log Pow | Not applicable for inorganic gases. |
| Bioaccumulative potential | No data available. |

**Argon (7440-37-1)**

| Log Pow | Not applicable. |
| Log Kow | Not applicable. |
| Bioaccumulative potential | No ecological damage caused by this product. |

**Helium (7440-59-7)**

| Log Pow | Not applicable for inorganic gases. |
| Log Kow | Not applicable. |
| Bioaccumulative potential | No ecological damage caused by this product. |

**Neon (7440-01-9)**

| Log Pow | Not applicable for inorganic gases. |
| Bioaccumulative potential | No ecological damage caused by this product. |

**Nitrogen (7727-37-9)**

| Log Pow | Not applicable for inorganic gases. |
| Log Kow | Not applicable. |
| Bioaccumulative potential | No ecological damage caused by this product. |

#### 12.4. Mobility in soil

**Inert Gas(es) (ar,he,ne, and/or ni)-chlorine 0.1 ppm -0.68%**

| Mobility in soil | No data available. |

**Chlorine (7782-50-5)**

| Ecology - soil | Because of its high volatility, the product is unlikely to cause ground or water pollution. |

**Argon (7440-37-1)**

| Mobility in soil | No data available. |
| Ecology - soil | No ecological damage caused by this product. |

**Helium (7440-59-7)**

| Mobility in soil | No data available. |
| Ecology - soil | No ecological damage caused by this product. |

**Neon (7440-01-9)**

| Ecology - soil | No ecological damage caused by this product. |
Inert Gas(es) (ar, he, ne, and/or ni)-chlorine 0.1 ppm -0.68%
Safety Data Sheet P-18-2117
Date of issue: 05/26/2015

### Nitrogen (7727-37-9)

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mobility in soil</td>
<td>No data available.</td>
</tr>
<tr>
<td>Ecology - soil</td>
<td>No ecological damage caused by this product.</td>
</tr>
</tbody>
</table>

#### 12.5. Other adverse effects

Effect on ozone layer: None.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

- Waste treatment methods: Do not attempt to dispose of residual or unused quantities. Return container to supplier.
- Waste disposal recommendations: Do not attempt to dispose of residual or unused quantities. Return container to supplier.

### SECTION 14: Transport information

In accordance with DOT

- Transport document description: UN1956 Compressed gas, n.o.s.
- UN-No.(DOT): UN1956
- Proper Shipping Name (DOT): Compressed gas, n.o.s.
- Hazard labels (DOT): 2.2 - Non-flammable gas

- DOT Symbols: G - Identifies proper shipping name (PSN) requiring the addition of technical name(s) in parentheses following the PSN.

**Additional information**

- Other information: No supplementary information available.
- Special transport precautions:
  - Avoid transport on vehicles where the load space is not separated from the driver's compartment. Ensure vehicle driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency. Before transporting product containers:
    - Ensure there is adequate ventilation.
    - Ensure that containers are firmly secured.
    - Ensure cylinder valve is closed and not leaking.
    - Ensure valve outlet cap nut or plug (where provided) is correctly fitted.
    - Ensure valve protection device (where provided) is correctly fitted.

**Transport by sea**

- UN-No. (IMDG): 1956
- Proper Shipping Name (IMDG): COMPRESSED GAS, N.O.S.
- Class (IMDG): 2.2 - Non-flammable, non-toxic gases

**Air transport**

- UN-No. (IATA): 1956
- Proper Shipping Name (IATA): COMPRESSED GAS, N.O.S.
- Class (IATA): 2

### SECTION 15: Regulatory information

**15.1. US Federal regulations**

- Chlorine (7782-50-5)
  - Listed on the United States TSCA (Toxic Substances Control Act) inventory
  - Listed on the United States SARA Section 302
  - Listed on United States SARA Section 313
  - SARA Section 302 Threshold Planning Quantity (TPQ): 100
  - SARA Section 313 - Emission Reporting: 1.0 %
Inert Gas(es) (ar, he, ne, and/or ni)-chlorine 0.1 ppm -0.68%

Safety Data Sheet P-18-2117
Date of issue: 05/26/2015

15.2. International regulations

**CANADA**

**Chlorine (7782-50-5)**
Listed on the Canadian DSL (Domestic Substances List)

**Argon (7440-37-1)**
Listed on the Canadian DSL (Domestic Substances List)

**Helium (7440-59-7)**
Listed on the Canadian DSL (Domestic Substances List)

**Neon (7440-01-9)**
Listed on the Canadian DSL (Domestic Substances List)

**Nitrogen (7727-37-9)**
Listed on the Canadian DSL (Domestic Substances List)

**EU-Regulations**

**Chlorine (7782-50-5)**
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

15.2.2. National regulations

**Chlorine (7782-50-5)**
Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Japanese Poisonous and Deleterious Substances Control Law
Listed on the Canadian IDL (Ingredient Disclosure List)

15.3. US State regulations

**Inert Gas(es) (ar, he, ne, and/or ni)-chlorine 0.1 ppm -0.68%()**

| U.S. - California - Proposition 65 - Carcinogens List | No |
| U.S. - California - Proposition 65 - Developmental Toxicity | No |
| U.S. - California - Proposition 65 - Reproductive Toxicity - Female | No |
| U.S. - California - Proposition 65 - Reproductive Toxicity - Male | No |

**Chlorine (7782-50-5)**

| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | No significance risk level (NSRL) |
| No | No | No | No |

**Argon (7440-37-1)**

| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | No significance risk level (NSRL) |
| U.S. - California - Proposition 65 - Reproductive Toxicity - Male | No |

This document is only controlled while on the Praxair, Inc. website and a copy of this controlled version is available for download. Praxair cannot assure the integrity or accuracy of any version of this document after it has been downloaded or removed from our website.
Inert Gas(es) (ar, he, ne, and/or ni) - chlorine 0.1 ppm - 0.68%

Safety Data Sheet P-18-2117
Date of issue: 05/26/2015

<table>
<thead>
<tr>
<th>Inert Gas</th>
<th>U.S. - California - Proposition 65 - Carcinogens List</th>
<th>U.S. - California - Proposition 65 - Developmental Toxicity</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</th>
<th>No significance risk level (NSRL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Argon (7440-37-1)</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Chlorine (7782-50-5)</td>
<td>U.S. - Massachusetts - Right To Know List</td>
<td>U.S. - New Jersey - Right to Know Hazardous Substance List</td>
<td>U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List</td>
<td>U.S. - Pennsylvania - RTK (Right to Know) List</td>
<td></td>
</tr>
<tr>
<td>Argon (7440-37-1)</td>
<td>U.S. - Massachusetts - Right To Know List</td>
<td>U.S. - New Jersey - Right to Know Hazardous Substance List</td>
<td>U.S. - Pennsylvania - RTK (Right to Know) List</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Helium (7440-59-7)</td>
<td>U.S. - Massachusetts - Right To Know List</td>
<td>U.S. - New Jersey - Right to Know Hazardous Substance List</td>
<td>U.S. - Pennsylvania - RTK (Right to Know) List</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neon (7440-01-9)</td>
<td>U.S. - Massachusetts - Right To Know List</td>
<td>U.S. - New Jersey - Right to Know Hazardous Substance List</td>
<td>U.S. - Pennsylvania - RTK (Right to Know) List</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nitrogen (7727-37-9)</td>
<td>U.S. - Massachusetts - Right To Know List</td>
<td>U.S. - New Jersey - Right to Know Hazardous Substance List</td>
<td>U.S. - Pennsylvania - RTK (Right to Know) List</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This document is only controlled while on the Praxair, Inc. website and a copy of this controlled version is available for download.
Praxair cannot assure the integrity or accuracy of any version of this document after it has been downloaded or removed from our website.
Inert Gas(es) (ar, he, ne, and/or ni)-chlorine 0.1 ppm -0.68%
Safety Data Sheet P-18-2117
Date of issue: 05/26/2015

SECTION 16: Other information

Other information:

When you mix two or more chemicals, you can create additional, unexpected hazards. Obtain and evaluate the safety information for each component before you produce the mixture. Consult an industrial hygienist or other trained person when you evaluate the end product. Before using any plastics, confirm their compatibility with this product.

Praxair asks users of this product to study this SDS and become aware of the product hazards and safety information. To promote safe use of this product, a user should (1) notify employees, agents, and contractors of the information in this SDS and of any other known product hazards and safety information, (2) furnish this information to each purchaser of the product, and (3) ask each purchaser to notify its employees and customers of the product hazards and safety information.

The opinions expressed herein are those of qualified experts within Praxair, Inc. We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and the conditions of use are not within the control of Praxair, Inc., it is the user's obligation to determine the conditions of safe use of the product.

Praxair SDSs are furnished on sale or delivery by Praxair or the independent distributors and suppliers who package and sell our products. To obtain current SDSs for these products, contact your Praxair sales representative, local distributor, or supplier, or download from www.praxair.com. If you have questions regarding Praxair SDSs, would like the document number and date of the latest SDS, or would like the names of the Praxair suppliers in your area, phone or write the Praxair Call Center (Phone: 1-800-PRAXAIR/1-800-772-9247; Address: Praxair Call Center, Praxair, Inc., P.O. Box 44, Tonawanda, NY 14151-0044).

PRAXAIR and the Flowing Airstream design are trademarks or registered trademarks of Praxair Technology, Inc. in the United States and/or other countries.

SDS US (GHS HazCom 2012) - PDI

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.