Material Safety Data Sheet

Section 1. Chemical product and company identification

Product name: AIRGAS INC., on behalf of its subsidiaries
Supplier: 259 North Radnor-Chester Road
: Suite 100
: Radnor, PA 19087-5283
: 1-610-687-5253

Product use: :
Synonym: :
MSDS #: :
Date of Preparation/Revision: ***
In case of emergency: 1-866-734-3438

Section 2. Hazards identification

Physical state: :

Routes of entry:
- Eyes: See toxicological information (Section 11)
- Skin: See toxicological information (Section 11)
- Inhalation: See toxicological information (Section 11)
- Ingestion: See toxicological information (Section 11)

Medical conditions aggravated by over-exposure:

Over-exposure signs/symptoms:

See toxicological information (Section 11)

Section 3. Composition, Information on Ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS number</th>
<th>% Volume</th>
<th>Exposure limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>No hazardous ingredient</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 4. First aid measures

No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Eye contact: 
Skin contact: 
Frostbite: 
Inhalation: 
Ingestion: 
Notes to physician: 

*** draft only ***
Section 5. Fire-fighting measures

Flammability of the product
Auto-ignition temperature
Flash point
Flammable limits
Products of combustion
Fire hazards in the presence of various substances
Explosion hazards in the presence of various substances
Fire-fighting media and instructions

Special protective equipment for fire-fighters
Special remarks on fire hazards
Special remarks on explosion hazards

Section 6. Accidental release measures

Personal precautions
Environmental precautions
Methods for cleaning up

Section 7. Handling and storage

Handling
Storage

Section 8. Exposure controls/personal protection

Engineering controls
Personal protection
  Eyes
  Skin
  Respiratory
  Hands
  Other protection
  Personal protection in case of a large spill

Consult local authorities for acceptable exposure limits.

Section 9. Physical and chemical properties

Molecular weight
Molecular formula
Boiling/condensation point
Melting/freezing point
Critical temperature
Section 10. Stability and reactivity

Stability and reactivity:
Conditions of instability:
Incompatibility with various substances:
Hazardous decomposition products:
Hazardous polymerization:

Section 11. Toxicological information

Toxicity data:
IDLH:
Chronic effects on humans:
Other toxic effects on humans:
Special remarks on toxicity to animals:
Special remarks on chronic effects on humans:
Special remarks on other toxic effects on humans:
Specific effects:
Carcinogenic effects:
Mutagenic effects:
Reproduction toxicity:

Section 12. Ecological information

Aquatic ecotoxicity:
Not available.
Biodegradable/OECD:
Mobility:
Products of degradation:
Toxicity of the products of biodegradation:
Special remarks on the products of biodegradation:

Section 13. Disposal considerations

Product removed from the cylinder must be disposed of in accordance with appropriate Federal, State, local regulation. Return cylinders with residual product to Airgas, Inc. Do not dispose of locally.
### Section 14. Transport information

<table>
<thead>
<tr>
<th>Regulatory information</th>
<th>UN number</th>
<th>Proper shipping name</th>
<th>Class</th>
<th>Packing group</th>
<th>Label</th>
<th>Additional information</th>
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</thead>
<tbody>
<tr>
<td>DOT Classification</td>
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<td></td>
<td>Not applicable (gas).</td>
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</tr>
<tr>
<td>TDG Classification</td>
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<td></td>
<td>Not applicable (gas).</td>
<td></td>
</tr>
<tr>
<td>Mexico Classification</td>
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<td></td>
<td></td>
<td></td>
<td>Not applicable (gas).</td>
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</tbody>
</table>

“Refer to CFR 49 (or authority having jurisdiction) to determine the information required for shipment of the product.”

### Section 15. Regulatory information

**United States**

<table>
<thead>
<tr>
<th>State regulations</th>
<th>:</th>
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</thead>
<tbody>
<tr>
<td>California Prop. 65</td>
<td>:</td>
</tr>
<tr>
<td>WHMIS (Canada)</td>
<td>:</td>
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</table>

### Section 16. Other information

**United States**

Label requirements : *** draft only ***

**Canada**

Label requirements :

- **Hazardous Material Information System (U.S.A.)**
  - Health
  - Flammability
  - Physical hazards

- **National Fire Protection Association (U.S.A.)**
  - Health
  - Flammability
  - Instability
  - Special

References :

Other special considerations :

Notice to reader :
To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.