



**5. Reactivity Data**

**Conditions to Avoid:**  
N/A

**Hazardous Decomposition or Byproducts:**  
None

**Other Reactivity Data:**  
N/A

**6. Health Hazard Data**

Route(s) of Entry:	Eye contact No	Skin Contact No	Skin Absorption No
	Inhalation Yes	Ingestion No	

**Health Hazards:**

**Acute** Air is nontoxic and necessary to support life. Inhalation of air in a high-pressure environment, such as underwater diving, can result in symptoms similar to overexposure to pure oxygen. These include tingling of fingers and toes, abnormal sensations, impaired coordination and confusion.

**Chronic** N/A

<b>Carcinogenicity:</b>	NTP No	IARC Monographs No	OSHA No
-------------------------	-----------	-----------------------	------------

**Signs and Symptoms of Exposure and Emergency First Aid Procedures:**

**Eye Contact** N/A

**Skin Contact** N/A

**Inhalation** Air is nontoxic and necessary to support life. Inhalation of air in a high-pressure environment, such as underwater diving, can result in symptoms similar to overexposure to pure oxygen. These include tingling of fingers and toes, abnormal sensations, impaired coordination and confusion.

Facilities or practices at which air is breathed in a high-pressure environment should be prepared to deal with the illnesses associated with decompression. Decompression equipment may be required.

**Ingestion** N/A

**Medical Conditions Aggravated by Exposure:** N/A

**7. Precautions for Safe Handling and Use**

**Actions if Released or Spilled:**  
N/A

**Waste Disposal Method:**  
N/A

**Handling and Storage Precautions:**

Valve protection caps must remain in place unless cylinder is secured with valve outlet piped to point of use. Do not drag, slide or roll cylinders. Use a suitable hand truck for cylinder movement. Use a pressure-reducing regulator when connecting cylinder to lower pressure piping or systems. Do not heat cylinder. Use a check valve or trap in the discharge line to prevent hazardous backflow into the cylinder.

Protect cylinders from physical damage. Store in cool, dry, well-ventilated area away from heavy traffic areas and emergency exits. Do not allow temperature of cylinder storage area to exceed 125° F. Cylinders should be stored upright and firmly secured to prevent falling or being knocked over. Full and empty cylinders should be segregated.

**7. Precautions for Safe Handling and Use****Other Precautions:**

Dry air is noncorrosive and may be used with all materials of construction. Moisture causes metal oxides that are formed with air to be hydrated so that they increase in volume and lose their protective role (rust formation).

Compressed gas cylinders should only be refilled by qualified personnel. Shipment of compressed gas cylinders that have been filled without the consent of the cylinder owner is a violation of federal law (49 CFR).

Always secure cylinders in an upright position during transportation. Never transport cylinders in enclosed space such as a vehicle truck or van.

For additional recommendations, see CGA Pamphlets P-1, G-7, G-7.1.

**Transportation Information:**

<b>Shipping Name</b>	Air, compressed
<b>Hazard Class</b>	2.2
<b>ID Number</b>	UN1002
<b>Shipping Label - 1</b>	Nonflammable Gas

**NFPA Rating:**

**Health:** 0      **Flammability:** 0      **Reactivity:** 0

**8. Control Measures****Eye Protection:**

Safety goggles or glasses as appropriate.

**Protective Gloves:**

Protective gloves of any suitable material.

**Respiratory Protection:**

N/A

**Ventilation:**

N/A

**Other Protective Clothing or Equipment:**

Safety shoes as appropriate.

**9. Regulatory Information****SARA TITLE III NOTIFICATIONS AND INFORMATION****SARA Title III – Section 313 Supplier Notification:**

This product does not contain toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and 40 CFR 372.

**SARA Title III – Hazard Classes:**

Sudden Release of Pressure Hazard

**Disclaimer of Expressed and Implied Warranties**

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose.