



**6. Health Hazard Data**

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

**Health Hazards:**  
**Acute**

Product is a simple asphyxiant. Effects of oxygen deficiency may include any, all or none of the following: rapid breathing, diminished mental alertness, impaired muscle coordination, blurred speech, and fatigue. As asphyxiation progresses nausea, vomiting, and loss of consciousness may occur, eventually leading to convulsions, coma and death.

**Chronic** N/A

**Carcinogenicity:**

NTP No	IARC Monographs No	OSHA No
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**Signs and Symptoms of Exposure and Emergency First Aid Procedures:**

**Eye Contact** N/A

**Skin Contact** N/A

**Inhalation** Product is a simple asphyxiant. Effects of oxygen deficiency may include any, all or none of the following: rapid breathing, diminished mental alertness, impaired muscle coordination, blurred speech, and fatigue. As asphyxiation progresses nausea, vomiting, and loss of consciousness may occur, eventually leading to convulsions, coma and death.

Conscious victim should be assisted to an uncontaminated area and allowed to inhale fresh air. Unconscious victim should be moved to an uncontaminated area and given assisted respiration.

**Ingestion** N/A

**Medical Conditions Aggravated by Exposure:**

Persons of ill health that may be aggravated by exposure to argon should not be allowed to work with this product.

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

**Actions if Released or Spilled:**

Evacuate all personnel from affected area. Use appropriate personal protective equipment.

**Waste Disposal Method:**

Do not attempt to dispose of waste or unused quantities. Return in properly labeled shipping container, with any valve outlet plugs or caps secured and valve protection caps in place.

**Handling and Storage Precautions:**

Use only in well-ventilated areas. 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.

**Other Precautions:**

Argon is noncorrosive and may be used with common structural materials.

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, P-14, P-9 and SB-2.

**Product Name: Argon, compressed**

**March 21, 2006**

## **7. Precautions for Safe Handling and Use (Continued)**

### **Transportation Information:**

<b>Shipping Name</b>	Argon, compressed
<b>Hazard Class</b>	2.2
<b>ID Number</b>	UN1006
<b>Shipping Label - 1</b>	Nonflammable Gas

### **NFPA Rating:**

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

## **8. Control Measures**

### **Eye Protection:**

Safety glasses or goggles as appropriate

### **Protective Gloves:**

Protective gloves of any material.

### **Respiratory Protection:**

Positive pressure air line with full mask or self-contained breathing apparatus should be available for emergency use.

### **Ventilation:**

Local exhaust to prevent argon accumulation sufficient to reduce oxygen concentration below 19.5%.

### **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

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