



Safety Data Sheet, 28 CFR 1910.1200

Revision Date 12/9/15

AIR, COMPRESSED, UN1002

**SECTION 1: Identification of the substance /mixture and of the company/undertaking**

**Product Identifier:** Air, Compressed, UN1002

**Other Means of Identification:** None

**Recommended Use and Restrictions on Use:** Air used in place in tank to absorb pressure when tank is installed and in use.

**Name, Address, And Telephone Number of The Responsible Party**

AMTROL Inc

1400 Division Road

West Warwick, RI, 02893 USA

1 401 884 6368

**Emergency telephone number**

CHEMTREC – 800-424-9300/703-527-3887

**SECTION 2: Hazard(s) Identification**

**Classification of the substance:** Compressed Gas

**Signal Word, Hazard Statements:** Warning

**Hazard Statements:** H280 - Contains gas under pressure, may explode if heated

**Precautionary Statements:** P210 – Keep away from heat, open flames.



**SECTION 3: Composition/information on ingredients:** Air, Compressed

**SECTION 4: First Aid Measures:**

(a) No measures required for inhalation, skin contact, eye contact or ingestion.

(b) No symptoms/effects from exposure, acute or delayed.

(c) Immediate medical attention required: As applicable in case of explosion of vessel containing compressed air.

**SECTION 5: Firefighting Measures:**

- (a) Noncombustible, no extinguishing media needed.
- (b) No specific hazards arising from exposure to air
- (c) No special equipment or precautions for firefighters when handling air.

**SECTION 6: Accidental Release Measures:**

- (a) Personal precautions for exposure to air: Avoid direct, close contact of compressed air with eyes or skin
- (b) Methods and materials for containment and cleaning up: None needed.

**SECTION 7: Handling and storage:** Keep vessel containing air away from heat, open flames

**SECTION 8: Exposure Controls/personal protection:**

- (a) OSHA, ACGIH have not established PEL or TLV for air
- (b) Appropriate engineering controls: Keep vessel holding compressed air away from heat, open flames.
- (c) Personal protective equipment: Safety glasses, hearing protection.

**SECTION 9: Physical and Chemical Properties:**

Physical State: gas

Appearance: none

Color: Colorless

Odor: none

Odor threshold: none

pH: none

Melting/freezing point: -355F-215C

Boiling point: -319F/-195C

Flash point: None

Evaporation rate: None

Flammability: Data not available

Upper/lower flammability or explosive limits: Data not available

Vapor pressure/density: 14.7 psia @ -319F

Relative Density: 0.075 lb/ft<sup>3</sup>/1.2kg/m<sup>3</sup>

Solubilities: Miscible in water

No additional information available.

**SECTION 10: Stability and Reactivity**

Reactivity: None

Chemical Stability: Stable under all typical environmental conditions

Possibility of Hazardous Reactions: None

Conditions to avoid: Keep vessel holding compressed air away from heat, open flames

**SECTION 11: Toxicological Information:**

- (a) Health effects independent of route of exposure: None
- (b) Symptoms noted upon exposure: None
- (c) Delayed and immediate effects, chronic effects from short and long term exposure: None
- (d) Acute toxicity estimates: Non toxic
- (e) Air is not listed in the National Toxicology Program Report on Carcinogens and has not been found to be a potential carcinogen in the International Agency for Research on Cancer Monographs or by OSHA

**SECTION 12: Ecological Information**

- (a) Ecotoxicity: None
- (b-e) No known adverse effects

**SECTION 13: Disposal considerations: None**

**SECTION 14: Transport Information:**

- (a) UN No.: 1002
- (b) UN proper shipping name: Air, compressed
- (c) Transport Hazard Class: (DOT): Class 2.2 , Non Flammable Gas
- (d) Packing Group: DOT packaging exceptions: 173.306/307; DOT packaging: Non Bulk: 173.302, Bulk: 173.302, Transport by Vessel (Sea): A, Stowage category "A" means the material may be stowed "on deck" or "under deck" on a cargo vessel or on a passenger vessel. Air Transport: DOT Quantity Limitations Passenger aircraft (173.27): 75kg, DOT Quantity Limitations Cargo aircraft (175.75): 150kg
- (e) Marine pollutant: No.

**SECTION 15: Regulatory Information: None**

**SECTION 16: Other Information:** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.



Safety Data Sheet, 28 CFR 1910.1200

Revision Date 12/9/15

COMPRESSED GAS, n.o.s, UN1956

**SECTION 1: Identification of the substance /mixture and of the company/undertaking**

**Product Identifier:** Compressed Gas, n.o.s. (Air with up to 15% helium) UN1956

**Other Means of Identification:** None

**Recommended Use and Restrictions on Use:** Air used in place in tank to absorb pressure when tank is installed and in use.

**Name, Address, And Telephone Number of The Responsible Party**

AMTROL Inc

1400 Division Road

West Warwick, RI, 02893 USA

1 401 884 6368

**Emergency telephone number**

CHEMTREC – 800-424-9300/703-527-3887

**SECTION 2: Hazard(s) Identification**

**Classification of the substance:** Compressed Gas

**Signal Word, Hazard Statements:** Warning

**Hazard Statements:** H280 - Contains gas under pressure, may explode if heated

**Precautionary Statements:** P210 – Keep away from heat, open flames.



**SECTION 3: Composition/information on ingredients:** Compressed Gas: Air with up to 15% helium.

**SECTION 4: First Aid Measures:**

(a) No measures required for inhalation, skin contact, eye contact or ingestion.

- (b) No symptoms/effects from exposure, acute or delayed.
- (c) Immediate medical attention required: As applicable in case of explosion of vessel containing compressed air.

**SECTION 5: Firefighting Measures:**

- (a) Noncombustible, no extinguishing media needed.
- (b) No specific hazards arising from exposure to air
- (c) No special equipment or precautions for firefighters when handling air.

**SECTION 6: Accidental Release Measures:**

- (a) Personal precautions for exposure to air: Avoid direct, close contact of compressed air with eyes or skin
- (b) Methods and materials for containment and cleaning up: None needed.

**SECTION 7: Handling and storage:** Keep vessel containing compressed gas away from heat, open flames

**SECTION 8: Exposure Controls/personal protection:**

- (a) OSHA, ACGIH have not established PEL or TLV for air
- (b) Appropriate engineering controls: Keep vessel holding compressed air away from heat, open flames.
- (c) Personal protective equipment: Safety glasses, hearing protection.

**SECTION 9: Physical and Chemical Properties:**

Physical State: gas

Appearance: none

Color: Colorless

Odor: none

Odor threshold: none

pH: none

Melting/freezing point: -355F-215C

Boiling point: -319F/-195C

Flash point: None

Evaporation rate: None

Flammability: Data not available

Upper/lower flammability or explosive limits: Data not available

Vapor pressure/density: 14.7 psia @ -319F

Relative Density: 0.075 lb/ft<sup>3</sup>/1.2kg/m<sup>3</sup>

Solubilities: Miscible in water

No additional information available.

**SECTION 10: Stability and Reactivity**

Reactivity: None

Chemical Stability: Stable under all typical environmental conditions

Possibility of Hazardous Reactions: None

Conditions to avoid: Keep vessel holding compressed air away from heat, open flames

**SECTION 11: Toxicological Information:**

- (a) Health effects independent of route of exposure: None
- (b) Symptoms noted upon exposure: None
- (c) Delayed and immediate effects, chronic effects from short and long term exposure: None
- (d) Acute toxicity estimates: Non toxic
- (e) Air is not listed in the National Toxicology Program Report on Carcinogens and has not been found to be a potential carcinogen in the International Agency for Research on Cancer Monographs or by OSHA

**SECTION 12: Ecological Information**

- (a) Ecotoxicity: None
- (b-e) No known adverse effects

**SECTION 13: Disposal considerations:** None

**SECTION 14: Transport Information:**

- (a) UN No.: 1956
- (b) UN proper shipping name: Compressed Gas, n.o.s. (air with up to 15% helium)
- (c) Transport Hazard Class: (DOT): Class 2.2 , Non Flammable Gas
- (d) Packing Group: DOT packaging exceptions: 173.306/307; DOT packaging: Non Bulk: 173.302, Bulk: 173.302, Transport by Vessel (Sea): A, Stowage category "A" means the material may be stowed "on deck" or "under deck" on a cargo vessel or on a passenger vessel. Air Transport: DOT Quantity Limitations Passenger aircraft (173.27): 75kg, DOT Quantity Limitations Cargo aircraft (175.75): 150kg
- (e) Marine pollutant: No.

**SECTION 15: Regulatory Information:** None

**SECTION 16: Other Information:** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.