



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/ft³/1.2kg/m³

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/ft³/1.2kg/m³

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.