



Material Safety Data Sheet

1. Product and Company Identification

Product name : **Air, Compressed**
Chemical formula : N/A
Synonyms : Air; UN 1002
Company : Specialty Gases of America, Inc
6055 Brent Dr.
Toledo, OH 43611
Telephone : 419-729-7732
Emergency : 800-424-9300

2. Composition/Information on Ingredients

| Components | CAS Number | % Volume |
|-------------------------------|-------------|----------|
| Compressed Air, Breathing Air | 132259-10-0 | 100% |

3. Hazards Identification

Emergency Overview

Containers may rupture or explode if exposed to heat.

Potential Health Effects

Inhalation : No information on significant adverse effects.
Eye contact : No information is available.
Skin contact : No information is available.
Ingestion : Ingestion of a gas is unlikely.
Chronic Health Hazard : None known.

4. First Aid Measures

Eye contact : Flush eyes with plenty of water.
Skin contact : Wash exposed skin with soap and water.
Ingestion : If a large amount is swallowed, get immediate medical attention.
Inhalation : If adverse effects occur, remove to uncontaminated area. Get medical attention.

5. Fire-Fighting Measures

Suitable extinguishing media : Use extinguishing agents appropriate for surrounding fire.
Specific hazards : Negligible fire hazard. Containers may rupture or explode if exposed to heat.
Fire fighting : Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

6. Accidental Release Measures

Occupational spill/release : Stop leak if possible without personal risk. Keep unnecessary people away, isolate hazard area and deny entry. Stay upwind and keep out of low areas.
Additional advice : None.

7. Handling and Storage

Handling

Secure cylinder when using to protect from falling. Use suitable hand truck to move cylinders.

Storage

Subject to storage regulations: U.S. OSHA 29 CFR 1910.101. Store in accordance with all current regulations and standards. Keep separated from incompatible substances. Store below 52°C. Protect from physical damage. Store in a cool, dry place. Cylinders should be stored upright (with valve protection cap in place).

8. Exposure Controls / Personal Protection

ACGIH, OSHA and NIOSH have not developed exposure limits for any of this product's components.

Engineering measures/Ventilation

Based on available information, additional ventilation is not required.

Personal protective equipment

Respiratory protection : Under conditions of frequent use or heavy exposure, respiratory protection may be needed. Respiratory protection is ranked in order from minimum to maximum. Consider warning properties before use.
For unknown concentrations or Immediately Dangerous to Life or Health – Any supplied-air respirator with a full facepiece that is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained breathing apparatus operated in pressure-demand or other positive-pressure mode.
Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode.

Hand protection : Protective gloves are not required, but recommended.

Eye protection : Eye protection not required under normal conditions.

Skin and body protection : Protective clothing is not required under normal conditions.

9. Physical and Chemical Properties

Form : Gas.
Color : Colorless.
Odor : Odorless.
Molecular weight : 28.975
Vapor pressure : 760 mmHg @ -194°C
Vapor density : 1.29 g/L @ 0°C
Specific gravity : 1.00 (air = 1)
Boiling point : -194.3°C
Melting point : -216.2°C
Water solubility : Slightly soluble.

10. Stability and Reactivity

Stability : Stable under normal conditions.
Conditions to avoid : Protect from physical damage and heat. Containers may rupture or explode if exposed to heat.
Materials to avoid : None known.
Hazardous decomposition products : No hazard expected.

11. Toxicological Information

The components of this material have been reviewed in various sources and no selected endpoints have been identified.

Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, NTP, OSHA or DFG.

12. Ecological Information

No LOLI ecotoxicity data are available for this product's components.

13. Disposal Considerations

Waste from residues / unused products : Dispose in accordance with all applicable regulations.
Contaminated packaging : Return cylinder to supplier.

14. Transport Information

DOT (US only)

Proper shipping name : Air, Compressed
Class : 2.2
UN/ID No. : UN1002
Labeling : Non-Flammable Gas

15. Regulatory Information

U.S. Federal Regulations

None of this product's components are listed under SARA Section 302/304 (40 CFR 355 Appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

SARA 311/312

Acute: No
Chronic: No
Fire: No
Reactive: No
Pressure: Yes

U.S. State Regulations

None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA or RI.

Not regulated under California Proposition 65

16. Other Information

Prepared by : Specialty Gases of America, Inc.

For additional information, please visit our website at www.americangasgroup.com.