



# Material Safety Data Sheet

## 1. Product and Company Identification

*Chemical Name* : Compressed Air  
*Chemical Formula* : NA  
*Synonyms* : Air, Breathing Air, UN 1002  
*Company* : Backcountry Access, L.L.C.  
2820 Wilderness Pl., Unit H  
Boulder, CO 80301  
*Telephone* : 303-417-1345  
*Emergency* : 303-417-1345 (M-F 9am-5pm MST)

## 2. Hazardous Ingredients/Identity Information

*Emergency Overview* : The main health hazards associated with exposure to this gas are related to high pressure. Cylinders may discharge pressure when subjected to heat or flames.  
*Inhalation* : No information on significant adverse effects  
*Contact with Skin/Eyes* : High pressure from cylinder directed at skin or eyes from close range can cause permanent damage or blindness.  
*Ingestion* : Ingestion of gas is unlikely  
*Chronic Health Hazards* : None known

## 3. Composition/Information on Ingredients

Components	CAS Number	% Volume
Air	132259-10-0	100%

## 4. First-Aid Measures

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

## 5. Fire Fighting Measures

*Flash Point* : NA  
*Extinguishing Materials* : Use extinguishing agents appropriate for surrounding fire.  
*Specific Hazards* : Negligible fire hazards. Cylinders may discharge through pressure relief device.  
*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

*Leak Response* : In case of leak set cylinder aside away from yourself and others and let the cylinder empty itself  
*Accidental Opening* : If the valve is accidentally opened keep exiting air away from yourself and others. Wait until cylinder is empty.

## 7. Handling and Storage

*Handling/Storage* : Store in cool dry place between -22°F (-30°C) and 130°F (55°C). Protect cylinder from physical damage.

## 8. Exposure Controls – Personal Protection

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

*Ventilations* : No additional ventilation is required

*Respiratory Protection* : Not necessary

*Hand Protection* : Not required

*Eye protection* : Not required under normal conditions.

*Skin Protection* : Protective clothing is not required.

## 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.

*Materials to Avoid* : None known.

*Decomposition Products*: None.

## 11. Toxicological Information

*Toxicity Data* : There are no specific toxicology data for Compressed Air

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

## 12. Ecological Information

No LOEL ecotoxicity data are available for this product's components

## 13. Disposal Considerations

Do not dispose of cylinders with Compressed Air in them. Only discharge cylinders in Backcountry Access Float backpacks.

## 14. Transportation Information

US Department of Transportation

*Proper Shipping Name* : Air, compressed

*Hazard Class* : 2.2 (Non-Flammable Gas)

*UN Number* : UN 1002

*Packaging Group* : NA  
*DOT Label Required* : Non-Flammable Gas  
*Marine Pollutant* : Air is not classified as a Marine Pollutant

Transport Canada

*Proper Shipping Name* : Air, compressed  
*Hazard Class* : 2.2 (Non-Flammable Gas)  
*UN Number* : UN 1002  
*Packaging Group* : NA  
*Hazard Label Required* : Non-Flammable Gas  
*Special Provisions* : 42  
*Limited Quantity Index* : 0.12  
*ERAP Index* : None  
*Ship Index* : None  
*Road or Rail Index* : 75  
*Marine Pollutant* : Air is not classified as a Marine Pollutant

**15. Regulatory Information**

U.S. Federal Regulations

None of this product's components are listed under SARA Section 302/304 (40 CFR 255 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

US State Regulations: None of this product's components are listed on the state lists from AK, CA, FL, IL, KA, MA, MN, MO, NJ, ND, PA, RI, TX, WV, or WV.

Additional Canadian Regulations

Canadian DSL/NDSL Inventory Status: Compressed Air is included in the DSL Inventory.

CEPA Priority Substances Lists: Not included.

WHMIS Classification: Categorized as a Controlled Product, Hazard Class A.

**16. Other Information**

*Prepared By* : Backcountry Access, L.L.C.

For additional information, visit our website at [www.backcountryaccess.com](http://www.backcountryaccess.com)