



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, Inc.
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 LOLI 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, Inc.

For additional information, visit our website at www.backcountryaccess.com