



Material Safety Data Sheet

1. Product and Company Identification

GHS product identifier : Air, compressed
Chemical Formula : NA
Product use : Inflation cylinders for personal protective equipment
Common names and 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

Hazard classification : GASES UNDER PRESSURE –Compressed gas
Signal word : Warning
Hazard statement : Contains gas under pressure; may explode if heated
Pictogram :



Precautionary

Statements : Read and follow MSDS before use. Read label before use. High pressure from cylinder directed at skin or eyes from close range can cause permanent damage or blindness. Cylinders may discharge pressure when subjected to heat or flames.

Description of hazards : None known
not otherwise
classified

3. Composition/Information on Ingredients

Substance/mixture : Mixture
Chemical name : air
Common names and synonyms : Air, Breathing Air, UN 1002
CAS number : 132259-10-0
Concentration :

Ingredient	Concentration (percentage)
132259-10-0	100%

4. First-Aid Measures

- Eye Contact* : Flush eyes with water. Seek medical attention if irritation occurs.
Skin Contact : Wash exposed skin with soap and water.
Ingestion : "None expected"
Inhalation : "None expected"

5. Fire-Fighting Measures

- Flash Point* : NA
Extinguishing Materials : Use extinguishing agents appropriate for surrounding fire.
Specific Hazards : Contains gas under pressure. In a fire or extreme heat the container may burst or explode.
Fire Fighting : Move container from fire area if it can be done without risk.

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

- Physical state* : Gas
Color : Colorless
Odor : Odorless
Odor Threshold : Not available
pH : Not available
Melting point : Not available
Freezing point : Not available
Boiling Point : -194.3°C
Melting Point : -216.2°C

Flash point : Not available
Evaporation point : Not available
Flammability (solid, gas) : Not available
Lower and upper explosive (flammable) limits : Not available
Vapor Pressure : 760 mmHg @ -194°C
Vapor Density : 1.29 g/L @ 0°C
Relative density : 1.00 (air=1)
Solubility : Not available
Partition coefficient n-octanol/water : Not available
Auto-ignition temperature : Not available
Decomposition temperature : Not available
Viscosity : Not available
Molecular Weight : 28.975

10. Stability and Reactivity

Reactivity : No additional information available
Chemical : Stable under normal conditions.
Stability
Conditions to Avoid : Protect from physical damage and heat.
Materials to Avoid : No additional information available
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

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

13. Disposal Considerations

Disposal : Do not dispose of cylinders with compressed air in them. Only discharge cylinders in
Recommendations Backcountry Access Float backpacks as described in the user manual.

14. Transportation Information

US Department of Transportation
UN Number : UN 1002
Proper Shipping Name : Air, compressed
Hazard Class : 2.2 - Class 2.2 - Non-flammable compressed gas 49 CFR 173.115
Packaging Group : NA
DOT Label Required : Non-Flammable Gas



Transport Canada (TDG)

UN Number : UN 1002
Proper Shipping Name : Air, compressed
Hazard Class : 2.2



Special Provisions : 42
Limited Quantity Index : 0.12
Road or Rail Index : 75

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. 3/9/2017

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