



Safety Data Sheet

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Supersedes Date: 12/06/22

SECTION 1: Identification

1.1. Product identifier

Compressed Breathing Air UN1002 - (10009671, 10009672, 10009673, 10010063, 10010580, 10010826, 10012484, 10012485, 31001544, 31001582, 31001583, 31001584, 31002299, 31002300, 31002301, 31002302)

Product Identification Numbers

70-0094-0057-6, 78-0081-8418-2, 78-0081-8419-0, UU-0121-7292-8, UU-0121-7296-9, UU-0121-7304-1, UU-0121-7310-8, UU-0121-7313-2, UU-0121-7315-7, UU-0121-7328-0, UU-0121-7334-8, UU-0121-7339-7, UU-0121-7343-9, UU-0121-7348-8, UU-0121-7351-2, UU-0121-7353-8, UU-0121-7356-1, UU-0121-7358-7, UU-0121-7361-1, UU-0121-7363-7, UU-0121-7366-0, UU-0121-7368-6, UU-0121-7371-0, UU-0121-7373-6, UU-0121-7376-9, UU-0121-7378-5, UU-0121-7381-9, UU-0121-7383-5, UU-0121-7386-8, UU-0121-7388-4, UU-0121-7391-8, UU-0121-7393-4, UU-0121-7396-7, UU-0121-7398-3, UU-0121-7401-5, UU-0121-7403-1, UU-0121-7406-4, UU-0121-7408-0, UU-0121-7411-4, UU-0121-7413-0, UU-0121-7416-3, UU-0121-7418-9, UU-0121-7421-3, UU-0121-7423-9, UU-0121-7426-2, UU-0121-7428-8, UU-0121-7431-2, UU-0121-7433-8, UU-0121-7436-1, UU-0121-7439-5, UU-0121-7441-1, UU-0121-7444-5, UU-0121-7446-0, UU-0121-7449-4, UU-0121-7451-0, UU-0121-7454-4, UU-0121-7456-9, UU-0121-7459-3, UU-0121-7461-9, UU-0121-7464-3, UU-0121-7466-8, UU-0121-7469-2, UU-0121-7471-8, UU-0121-7474-2, UU-0121-7476-7, UU-0121-7479-1, UU-0121-7483-3, UU-0121-7491-6, UU-0121-7497-3, UU-0121-7500-4, UU-0121-7502-0, UU-0121-7515-2, UU-0121-7521-0, UU-0121-7526-9, UU-0121-7530-1, UU-0121-7535-0, UU-0121-7538-4, UU-0121-7540-0, UU-0121-7543-4, UU-0121-7545-9, UU-0121-7548-3, UU-0121-7550-9, UU-0121-7553-3, UU-0121-7555-8, UU-0121-7558-2, UU-0121-7560-8, UU-0121-7563-2, UU-0121-7565-7, UU-0121-7568-1, UU-0121-7570-7, UU-0121-7573-1, UU-0121-7575-6, UU-0121-7578-0, UU-0121-7580-6, UU-0121-7583-0, UU-0121-7585-5, UU-0121-7588-9, UU-0121-7590-5, UU-0121-7593-9, UU-0121-7595-4, UU-0121-7598-8, UU-0121-7600-2, UU-0121-7603-6, UU-0121-7605-1, UU-0121-7608-5, UU-0121-7610-1, UU-0121-7613-5, UU-0121-7615-0, UU-0121-7618-4, UU-0121-7620-0, UU-0121-7623-4, UU-0121-7626-7, UU-0121-7628-3, UU-0121-7631-7, UU-0121-7633-3, UU-0121-7636-6, UU-0121-7638-2, UU-0121-7641-6, UU-0121-7643-2, UU-0121-7646-5, UU-0121-7648-1, UU-0121-7651-5, UU-0121-7653-1, UU-0121-7656-4, UU-0121-7658-0, UU-0121-7661-4, UU-0121-7663-0, UU-0121-8088-9, UU-0121-8090-5, UU-0121-8100-2, UU-0121-8111-9, UU-0121-8117-6, UU-0121-8120-0, UU-0121-8123-4, UU-0121-8136-6, UU-0121-8137-4, UU-0121-8138-2, UU-0121-8153-1, UU-0121-8158-0, UU-0121-8167-1, UU-0121-8168-9, UU-0121-8169-7, UU-0121-8173-9, UU-0121-8176-2, UU-0121-8728-0, UU-0121-8730-6, UU-0123-4388-3, UU-0123-4405-5, UU-0123-4406-3, UU-0123-4407-1, UU-0123-4408-9, UU-0123-4409-7, UU-0123-4551-6, UU-0123-5259-5, UU-0123-5261-1, UU-0123-5262-9, UU-0123-5264-5, UU-0123-5265-2, UU-0123-5269-4, UU-0123-5272-8, UU-0123-5275-1, UU-0123-5276-9, UU-0124-5214-8, XP-1000-8815-0, XP-1000-8820-0, XP-1000-8987-7, XP-1000-8990-1, XP-1000-8995-0, XP-1000-8996-8, XP-1000-9282-2, XP-1000-9283-0, XP-1000-9286-3, XP-1000-9287-1, XP-1000-9373-9, XP-1001-0492-4, XP-1001-0494-0, XP-1001-0668-9, XP-1001-0676-2, XP-1001-0679-6, XP-1001-1036-8, XP-1001-1187-9, XP-1001-1210-9, XP-1001-1273-7, XP-1001-1274-5, XP-1001-1415-4, XP-1001-1488-1, XP-1001-1529-2, XP-1001-1567-2, XP-1001-2091-2, XP-1001-2398-1, XP-1001-2412-0, XP-1001-2413-8, XP-1003-0234-6, XP-1003-0238-7, XP-1003-0239-5, XP-1003-0242-9, XP-1003-0658-6, XP-1003-0659-4, XP-1003-0661-0, XP-1003-0666-9, XP-1003-0667-7, XP-1003-0670-1, XP-1003-1068-7, XP-1003-1069-5, XP-1003-1072-9, XP-1003-1073-7, XP-1003-1076-0, XP-1003-1078-6, XP-1003-1531-4, XP-1003-1532-2, XP-1003-2116-3, XP-1003-2948-9, XP-1003-2949-7, XP-1008-2455-4, XP-1008-2456-2, XP-1008-2645-0, XP-1008-8177-8, XP-1008-8179-4, XP-1008-8182-8, XP-1008-8183-6, XP-1008-8185-1,

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7100295626, 7100299875

1.2. Recommended use and restrictions on use

Recommended use

Breathing Air for SCBA

1.3. Supplier's details

MANUFACTURER: 3M
DIVISION: Personal Safety Division
ADDRESS: 3M Center, St. Paul, MN 55144-1000, USA
Telephone: 1-888-3M HELPS (1-888-364-3577)

1.4. Emergency telephone number

1-800-364-3577 or (651) 737-6501 (24 hours)

SECTION 2: Hazard identification

2.1. Hazard classification

Gas Under Pressure: Compressed gas.

2.2. Label elements

Signal word

Warning

Symbols

Gas cylinder |

Pictograms



Hazard Statements

Contains gas under pressure; may explode if heated.

Precautionary Statements

Storage:

Protect from sunlight. Store in a well-ventilated place.

SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	% by Wt
AIR	132259-10-0	100

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

No need for first aid is anticipated. If symptoms develop, remove the affected person to fresh air. Get medical attention.

Skin Contact:

If exposed, wash with soap and water. If signs/symptoms develop, get medical attention.

Eye Contact:

If exposed, flush eyes with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms develop, get medical attention.

If Swallowed:

Do not induce vomiting. Rinse mouth. If you feel unwell, get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

No critical symptoms or effects. See Section 11.1, information on toxicological effects.

4.3. Indication of any immediate medical attention and special treatment required

Not applicable

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Material will not burn.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

5.3. Special protective actions for fire-fighters

No special protective actions for fire-fighters are anticipated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Not applicable.

6.2. Environmental precautions

Not applicable.

6.3. Methods and material for containment and cleaning up

Close cylinder.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

For industrial/occupational use only. Not for consumer sale or use.

7.2. Conditions for safe storage including any incompatibilities

Store away from heat.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

No occupational exposure limit values exist for any of the components listed in Section 3 of this SDS.

8.2. Exposure controls

8.2.1. Engineering controls

No engineering controls required.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Full Face Shield

Indirect Vented Goggles

Skin/hand protection

No chemical protective gloves are required.

Respiratory protection

None required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state

Gas

Color

Colorless

Specific Physical Form:

Compressed Gas Cylinder under pressure (typically 2000 - 6000 psi)

Odor

Odorless

Odor threshold

No Data Available

pH

Not Applicable

Melting point

Not Applicable

Boiling Point

-317.7 °F

Flash Point

No flash point

Evaporation rate

Not Applicable

Flammability (solid, gas)

Not Classified

Flammable Limits(LEL)

Not Applicable

Flammable Limits(UEL)

Not Applicable

Vapor Pressure

Not Applicable

Vapor Density

1.1 [Ref Std: AIR=1]

Density

1.2 g/l

Specific Gravity

No Data Available

Solubility In Water

Not Applicable

Solubility- non-water

No Data Available

Partition coefficient: n-octanol/ water

No Data Available

Autoignition temperature

Not Applicable

Decomposition temperature

Not Applicable

Viscosity

Not Applicable

Volatile Organic Compounds

Not Applicable

Percent volatile

100 %

VOC Less H2O & Exempt Solvents

Not Applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

This material is considered to be non reactive under normal use conditions.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

Substance

None known.

Condition

Not Specified

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1. Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation:

No known health effects.

Skin Contact:

Contact with the skin during product use is not expected to result in significant irritation.

Eye Contact:

Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion:

No known health effects.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

Name	Route	Species	Value
Overall product	Inhalation-Gas(4 hr)		No data available; calculated ATE >50,000 ppm
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

For the component/components, either no data are currently available or the data are not sufficient for classification.

Serious Eye Damage/Irritation

For the component/components, either no data are currently available or the data are not sufficient for classification.

Skin Sensitization

For the component/components, either no data are currently available or the data are not sufficient for classification.

Respiratory Sensitization

For the component/components, either no data are currently available or the data are not sufficient for classification.

Germ Cell Mutagenicity

For the component/components, either no data are currently available or the data are not sufficient for classification.

Carcinogenicity

For the component/components, either no data are currently available or the data are not sufficient for classification.

Reproductive Toxicity

Reproductive and/or Developmental Effects

For the component/components, either no data are currently available or the data are not sufficient for classification.

Target Organ(s)

Specific Target Organ Toxicity - single exposure

For the component/components, either no data are currently available or the data are not sufficient for classification.

Specific Target Organ Toxicity - repeated exposure

For the component/components, either no data are currently available or the data are not sufficient for classification.

Aspiration Hazard

For the component/components, either no data are currently available or the data are not sufficient for classification.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

Ecotoxicological information

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

Chemical fate information

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

SECTION 13: Disposal considerations

13.1. Disposal methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Prior to disposal, consult all applicable authorities and regulations to insure proper classification. Product may be released to the atmosphere. Dispose of waste product in a permitted industrial waste facility. The facility should be equipped to handle gaseous waste. Empty and clean product containers may be disposed as non-hazardous waste. Consult your specific regulations and service providers to determine available options and requirements.

EPA Hazardous Waste Number (RCRA): Not regulated

SECTION 14: Transport Information

For Transport Information, please visit <http://3M.com/Transportinfo> or call 1-800-364-3577 or 651-737-6501.

SECTION 15: Regulatory information

15.1. US Federal Regulations

Contact 3M for more information.

EPCRA 311/312 Hazard Classifications:

Physical Hazards

Gas under pressure

Health Hazards

Not applicable

15.2. State Regulations

Contact 3M for more information.

15.3. Chemical Inventories

The components of this product are in compliance with the new substance notification requirements of CEPA.

The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

Contact 3M for more information.

15.4. International Regulations

Contact 3M for more information.

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: Other information

NFPA Hazard Classification

Health: 0 **Flammability:** 0 **Instability:** 0 **Special Hazards:** None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

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