Section 1. Product and Company Identification.

1.1 Model Number; MIG/MIX/100 v1

1.2 Description; Disposable Carbon Dioxide/Argon Gas Cylinder 100g
Quantity of a solution/mixture: Argon 950 cc

1.3 Manufacturer;
Sealey Group.
Kempson Way,
Bury St. Edmunds,
Suffolk.
IP32 7AR

1.4 Emergency telephone number; 44 (0) 1284 757 500 (Office Hours)

Date of source compilation; 12/01/2015

Section 2. Hazards Identification.

2.1 Classification of the substance or mixture.
No data available

2.2 Label elements.
Hazard pictogram(s)

Signal Word. Warning

Hazard statements;
H280: Contains gas under pressure; may explode if heated.

Precautionary statements;
P410+P403: Protect from sunlight. Store in a well-ventilated place.

2.3 Other hazards.
No data available.

Section 3. Substances.

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Concentration Weight	Classification	
			Hazard Class & Category Code	Hazard Statements [1]
Argon	7440-37-1	> 99.99%	-	-

[1]For full text of Statements, see Section 16.

Section 4. First Aid Measures.

4.1 Description of first aid measures

Inhalation

In high concentrations may cause asphyxiation. Symptoms can include loss of mobility/consciousness.
Remove victim to uncontaminated area.
Keep victim warm and rested.

Skin Contact

Not expected to present a significant skin hazard under anticipated conditions of normal use.

Eye Contact

Not expected to present a significant eyes hazard under anticipated conditions of normal use.

Ingestion

Not a primary route of exposure.

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

No data available.

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

No data available.

Section 5. Fire Fighting Measures.

5.1. Extinguishing media

All known extinguishing media can be used.

5.2. Special hazards arising from the substance or mixture

Exposure to fire can cause explosion or cause the cylinder to burst.

5.3. Advice for fire-fighters

Cool the cylinder with water from a protected position.
Equipment: Wear complete equipment with eye shield, helmet, neck protection and pressure demand breathing apparatus.

Section 6. Accidental Release Measures.

6.1. Personal precautions, protective equipment and emergency procedures
Use breathing apparatus to enter the contaminated area.
Ensure adequate air ventilation.

6.2. Environmental precautions
Prevent from entering sewers, basements and workpits.

6.3. Methods and material for containment and cleaning up
Ventilate area.

6.4. Reference to other sections
See Section 7 for information on Safe Handling
See Section 8 for information of Personal Protective Equipment.
See Section 13 for information on disposal.

Section 7. Handling and Storage.

7.1. Precautions for safe handling
Avoid direct contact with the product.
Do not eat, drink and/or smoke in working areas.
For container handling, use proper personal protective equipment such as safety shoes and gloves.
Handle containers carefully, avoiding violent collisions between them or against other surfaces, prevent falls and mechanical strains.

7.2. Conditions for safe storage, including any incompatibilities
Pressurised containers must not be exposed to heat sources or temperatures in excess of 50^{o}C.

7.3. Specific end use(s)
Intended for use as the gas cylinder for the Model Number identified in 1.1 with Description stated in 1.2.

Section 8. Exposure Controls/Personal Protection.

8.1. Control parameters
No data available.

8.2. Exposure controls
Appropriate Engineering Controls
Ensure adequate ventilation.

Eye/Face Protection
Use safety glasses and face shield in accordance with EN 166

Skin Protection
Use gauntlet according to EN 388

Respiratory Protection
No respiratory equipment is needed under normal conditions of use.
Ensure adequate ventilation.

Section 9. Physical and Chemical Properties.

9.1. Information on basic physical and chemical properties

The following information is not a technical specification or sales specification.

(a) Appearance:	Colourless.
(b) Odour:	No data available.
(c) Odour threshold;	No data available.
(d) pH:	No data available.
(e) Melting point/freezing point;	-189°C (1.013 bar)
(f) Initial boiling point and boiling range;	-186°C (1.013 bar)
(g) Flash point;	No data available.
(h) Evaporation rate;	No data available.
(i) Flammability (solid, gas);	Not flammable.
(j) Upper/lower flammability or explosive limits;	No data available.
(k) Vapour pressure;	No data available.
(l) Vapour density;	No data available.
(m) Relative density;	1.4
(n) Solubility(ies);	61 (15°C; 1.013 bar)
(o) Partition coefficient: n-octanol/water;	No data available.
(p) Auto-ignition temperature;	No data available.
(q) Decomposition temperature;	No data available.
(r) Viscosity;	No data available.
(s) Explosive properties;	No data available.
(t) Oxidising properties.	No data available.

9.2 Other information — No data available.

Section 10. Stability and Reactivity.

10.1. Reactivity	Inert gas.
10.2. Chemical stability	Stable under normal conditions.
10.3. Possibility of hazardous reactions	No data available.
10.4. Conditions to avoid	Avoid sources of heat/sparks/flames and hot surfaces.
10.5. Incompatible materials	No data available.
10.6. Hazardous decomposition products	No data available.

Section 11. Toxicological Information.

11.1. Information on toxicological effects

No data available.

Section 12. Ecological Information.

12.1. Toxicity	No data available.
12.2. Persistence and degradability	No data available.
12.3. Bioaccumulative potential	No data available.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	No data available.
12.6. Other adverse effects	No data available.

Section 13. Disposal Considerations.

13.1. Waste treatment methods
Disposal must be in accordance with local authority regulations.

Section 14. Transport Information.

ADR. International Carriage of Dangerous Goods by Road.

14.1. UN number	UN 1006
14.2. Name and Description	Argon, compressed
14.3. Transport hazard class(es)	2
Limited Quantity	120 ml
14.4. Packing group	-
14.5. Environmental hazards	Does not present an environmental hazard.
14.6. Special precautions for user	No special precautions necessary.

IATA. International Air Transport Association.
Do not transport by air

IMDG. International Maritime Dangerous Goods.

14.1. UN number	UN 1006
14.2. UN proper shipping name	Argon, compressed
14.3. Transport hazard class(es)	Division 2.2
Limited Quantity	120 ml
14.4. Packing group	-
14.5. Environmental hazards	Does not present an environmental hazard.
14.6. Special precautions for user	No special precautions necessary.
14.7. Transport in bulk – Maritime only.	Bulk transport is not applicable to this product

Section 15. Regulatory Information.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
No data available

15.2. Chemical safety assessment
No data available

Section 16. Additional Information.

Full text of Phrases and Statements used in Section 3;

The above information is believed to be accurate and represents the best information currently available.
No warranty is expressed or implied by the above information.
We assume no liability resulting from use of the above information.
The end user should conduct their own investigations to determine the suitability of the above information for their particular purpose.

Issue level	Date	Revisions
1	28/07/2015	First issue.
2	13/07/2016	Sections 3, 7, 8 & 14.
3	28/02/2016	Sections 3, 7 & 16.
4	01/11/2019	Section 14
5	01/07/2021	Section 14
6	23/10/2024	Section 1.2

End of Safety Data Sheet.