

Argon, Ref. Liq.



Description

Argon gas is inert, colourless, odourless and tasteless. In its liquid form colourless and odourless.

Applications

- G.M.A. and G.T.A. welding materials
- Inert atmospheres
- Filler gas in incandescent and neon lamps
- Plasma cutting (mixed with hydrogen)
- Gas chromatography
- Spectometry
- Purge gas
- Aluminium & steel production
- Glass manufacturing

Hazard statement(s)

- Contains refrigerated gas; may cause cryogenic burns or injury.

Prevention statement(s)

- Wear cold insulating gloves/face shield/eye protection.

Response statement(s)

- Get immediate medical advice/attention.
- Thaw frosted parts with lukewarm water. Do not rub affected area.

Storage statement(s)

- Store in a well-ventilated place.

Storage statement(s)

- Asphyxiant. Effects are proportional to oxygen displacement.

Signal Word: Warning
 UN No.: 1951
 Hazard No.: 2T
 Chem Symbol: Ar
 Pictograms:





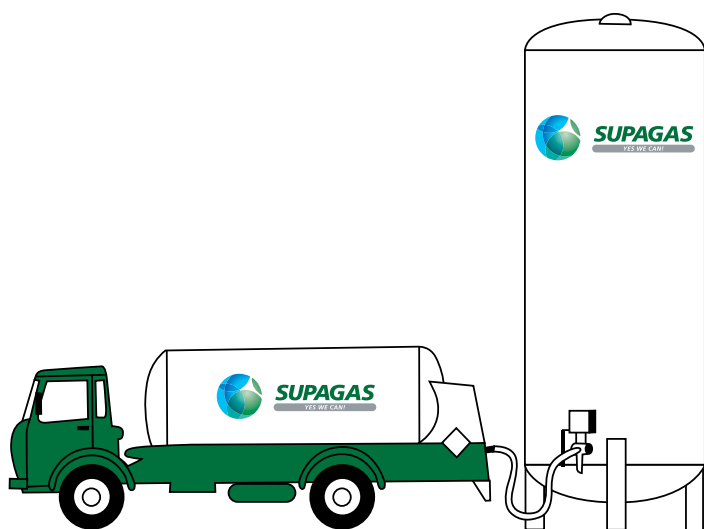
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General Specifications

| Physical Data | |
|------------------------------------|--------------------------|
| Chemical Symbol | Ar |
| Boiling Point | -185.9°C |
| Relative Density (Air=1) | 1.4 |
| Molecular Weight | 39.948 |
| Critical Temperature | -122.4°C |
| Flashpoint | Non flammable |
| Density of Gas @ 101.3 kPa & 15°C | 1.78 kg/m ³ |
| Density of Liquid (B.Pt.) | 1393 kg/m ³ |
| Specific Volume @ 101.3 kPa & 15°C | 0.591 m ³ /kg |

Storage Tanks

| Tank Size Range |
|----------------------|
| >1,000 - < 60,000 lt |



Typical Analysis

| Product Type | Ar | O ₂ | Moisture |
|---------------------|----------|----------------|----------|
| Refrigerated Liquid | >99.999% | 5ppm | <5ppm |

Quality Assurance

Supagas Pty Ltd is committed to comply with the requirements of ISO 9001-2015 and to continually improve the effectiveness of our Quality Management System.

Everyone at Supagas understands we must provide a safe environment for both our employees and the wider community. We are therefore committed to implement and maintain a continual improvement approach throughout the organisation whilst also meeting all applicable statutory and regulatory requirements.

NATA Accreditation

The Supagas Laboratory located in Ingleburn, NSW has a NATA Accreditation (No. 18955).



Accredited for compliance with ISO/IEC 17025 and ISO Guide 34, Reference Gas Mixtures prepared to ISO 6142.

For Further Information

On how we can help you with all your gas and welding needs, drop in to your local Supagas branch or call Customer Service on 13 78 72.