

ARGON INDUSTRIAL

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Air Liquide's Gas Encyclopedia : <https://encyclopedia.airliquide.com/argon>



Air Liquide delivers Argon in a mode of supply to suit each of our customer's needs: liquid, cylinder or onsite production

• **Applications**

- Carrier gas
- Instrumentation gas
- Purge and Zero gas

• **Transport information**

Compressed gas

- Proper shipping name: Argon, compressed
- UN Nr: 1006
- ADR/RID: Class 2 Classification Code 1 A

Refrigerated gas

- Proper shipping name: Argon, refrigerated liquid
- UN Nr: 1951
- ADR/RID: Class 2 Classification Code 3 A



• **Safety Data sheets**

Access: <https://www.airliquide.com/safety-data-sheets>

• **Product Specification**

• **Physical information**

- Molecular weight: 39.95 g/mol
- Relative density, gas: 1.38 (air=1)
- Relative density, liquid: 1.4 (water=1)
- CAS number: 7440-37-1

• **Properties**

- Hazards identification: in high concentrations may cause asphyxiation
- Flammability range: non flammable
- Personal protection: ensure adequate ventilation

• **Cylinder equipment**

- Valve: CGA 580
- Cylinder color: Blue
- Scandina Caps: Black

Components (% Vol. abs)	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure (bar)	*Capacity (Sm3)
Ar					
≥ 99.99%	O2 ≤ 10	Cylinder	47L	150	7
	H2O ≤ 10	Crate 16	50L	200	162
		Liquid	VGL 200L	VHP	132

*Typical capacities of the product are guaranteed for each cylinder in particular.



ARGON HP

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Proper shipping name Argon, compressed
UN Nr 1006
ADR/RID Class 2 Classification Code 1 A



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Relative density, liquid 1.4 (water=1)
CAS number 7440-37-1

- Properties**

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Flammability range: non flammable
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- Cylinder equipment**

Valve: CGA 580
Cylinder color: Blue
Scandina Caps: Blue

- Safety Data sheets**

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- Product Specification**

Components (% Vol. abs)	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure (bar)	*Capacity (Sm3)
Ar					
≥ 99.995%	O2 ≤ 5	Cylinder	47L	150	7
	H2O ≤ 5				

*Typical capacities of the product are guaranteed for each cylinder in particular.



ARGON UHP



*the simple solution to enhance your analytical performance
the commitment to quality for % to ppm analysis*

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- Product Specification**

Components (% Vol. abs)	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure (bar)	*Capacity (Sm3)
Ar					
≥ 99.999%	O2 ≤ 2	Cylinder	47L	150	7
	H2O ≤ 3	Crate 16	50L	200	162
	CnHm ≤ 1				

*Typical capacities of the product are guaranteed for each cylinder in particular.



- Physical information**

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Relative density, liquid 1.4 (water=1)
CAS number 7440-37-1

- Properties**

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Flammability range: non flammable
Personal protection: ensure adequate ventilation

- Cylinder equipment**

Valve: CGA 580
Cylinder color: Blue
Scandina Caps: White

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• **Product Specification**

Components (% Vol. abs)	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure (bar)	*Capacity (Sm3)
Ar					
≥ 99.999%	O2 ≤ 2	Cylinder	50L	200	10
	H2O ≤ 2	**Crate 8	50L	200	81
	CnHm ≤ 0.5				
	CO2. ≤ 0.5				
	CO ≤ 0.5				

*Typical capacities of the product are guaranteed for each cylinder in particular.

** On demand



• **Physical information**

- Molecular weight 39.95 g/mol
- Relative density, gas 1.38 (air=1)
- Relative density, liquid 1.4 (water=1)
- CAS number 7440-37-1

• **Properties**

- Hazards identification: in high concentrations may cause asphyxiation
- Flammability range: non flammable
- Personal protection: ensure adequate ventilation

• **Cylinder equipment**

- Valve: CGA 580
- Cylinder color: Blue
- Scandina Caps: White

DISCLAIMER

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