

ANNEX

TRANSPORT NOTES on ARGON in non-refillable gas cylinders

ICO.SDA.002.en | Version: 01 (new release) | Issue date: January 2023
Last revision date: - | Supersedes version of: -



1. Land transport

ADR/RID

- UN number : UN 1006
- Name and description : ARGON, COMPRESSED
- Class : 2
- Classification code : 1A
- Special provisions : 653

"The carriage of this gas in cylinders having a test pressure capacity product of maximum 15.2 MPa.litre (152 bar.litre) is not subject to the provisions of ADR if the following conditions are met:

- The provisions for construction and testing of cylinders are observed;
- The cylinders are contained in outer packagings which at least meet the requirements of Part 4 for combination packagings. The general provisions of packaging of 4.1.1.1, 4.1.1.2 and 4.1.1.5 to 4.1.1.7 shall be observed;
- The cylinders are not packed together with other dangerous goods;

The total gross mass of package does not exceed 30 kg; and each package is clearly and durably marked with ... or 'UN 1006' for Argon, compressed. This marking is displayed within a diamond-shaped area surrounded by a line that measures at least 100 mm by 100 mm."

- Limited quantities : 120 ml
- Excepted quantities : E1

optional for cylinders ≤50 ml:

- UN number : UN 2037
- Name and description : RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable
- Class : 2
- Classification code : 5A
- Special provisions : 191

"Receptacles, small, with a capacity not exceeding 50 ml, containing only non-toxic constituents are not subject to the requirements of ADR."

2. Sea transport

GGVSee/IMO-IMDG code

- UN number : UN 1006
- Proper shipping name : ARGON, COMPRESSED
- Class or division : 2.2
- Subsidiary risk(s) : -
- Special provisions : -
- Limited quantities : 120ml
- Excepted quantities : E1

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optional for cylinders ≤50 ml:

- UN number : UN 2037
- Proper shipping name : RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable
- Class or division : 2
- Subsidiary risk(s) : -
- Special provisions : 191
„Receptacles with a capacity not exceeding 50 mL containing only non-toxic constituents are not subject to the provisions of this (IMO-IMDG) Code.”

3. Air transport

IATA

- UN or ID number : UN 1006
- Proper shipping name/ description : Argon, compressed
- Class or division (subsidiary risk) : 2.2
- Excepted quantities : E1
- Limited quantities : Forbidden

optional for cylinders ≤50 ml:

- UN or ID number : UN 2037
- Proper shipping name/ description : Receptacles, small, containing gas (non-flammable) without a release device, non-refillable
- Class or division (subsidiary risk) : 2.2
- Special provisions : A98
“Aerosols, gas cartridges and receptacles, small, containing gas with a capacity not exceeding 50 mL, containing no constituents subject to these Regulations other than a Division 2.2 gas, are not subject to these Regulations when carried as a cargo unless their release could cause extreme annoyance or discomfort to crew members so as to prevent the correct performance of duties.
The words “Not restricted” and the Special Provision number must be included in the description of the substance on the Air Waybill as required by 8.2.6, when an Air Waybill is issued.”

Please note – there may apply different provisions for the air-transport of non-refillable cylinders in the USA.

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