

ALIGAL™ 15



ALIGAL™, the Air Liquide food grade solution

Applications

Food grade gases for modified atmosphere storage and packaging (food, ingredients, new trends - vegetarian food), winemaking applications and beverages

Transport information

Compressed gases

Proper shipping name	Compressed gas, N.O.S.
UN-Nr	1956
ADR/RID	Class 2
	Classification code 1A



Safety Data Sheets

Compressed gas : N° 300-15-013ALBNL-ALG
Access: <https://be.airliquide.com/>

Physical information

Molecular weight	Mix
Relative density:	
Relative density, gas	Heavier than air
Colour	Colorless
Odor	Odorless

Properties

Hazards identification: Contains gas under pressure; may explode under the effect of heat. Asphyxiant in high concentrations.

Personal protection: Ensure adequate ventilation



Cylinder equipment

Valve fittings

Cylinder: B4 - IS 21.7 x 1.814 right-hand male

Bundle: WW 1 1/8 right-hand male

Shoulder colour:

Bright green (RAL 6018)



Product Specifications

Components (% Vol. abs)			Impurities (ppm v/v)		Supply mode	Packaging size	Pressure	Capacity	Product reference
CO ₂	50 %	±5 %	H ₂ O (5 bar)	≤ 50 ppm v/v	Cylinder	20L	100 bar	2,6 m ³	I4670M20R1A001
N ₂	Balance		O ₂	≤ 20 ppm v/v	Cylinder	50L	100 bar	6,4 m ³	I4670L50R1A001
			CO	≤ 10 ppm v/v	Bundle	V12*50L	100 bar	76,8 m ³	I4670V12R1A001
			NO/NOx	≤ 10 ppm v/v (*)					
			CnHm	≤ 30 ppm v/v					
			Total sulphur (S)	≤ 0.5 ppm v/v (*)					
			Oil	≤ 5 ppm w/w (*)					

Additional information

Specifications pure gases in accordance with Regulation (EU) 231/2012

Product compliant with:

- E290 specifications(carbon dioxide)
- E941 specifications (nitrogen)
- Food safety compliance: Food safety management system FSMS including HACCP methodology, ISO22000, FSSC 22000 and traceability through batch lot number,
- Food gases cannot be considered free of particles. Despite preventive measures taken to limit the contamination level (selection of materials, filtration, purging procedures etc.) a continuous warranty of particles level cannot be ensured. Based on intended use, the end user is responsible to conduct a risk assessment of their complete system (gas distribution piping network included). Where there is a requirement for the particle contamination of the gas to be controlled, appropriate filters can be installed at the point of use.
- Cylinder compliant with : FDA and EC 1935:2004

Liquid CO₂ product used for cylinders and bundles filling is compliant with ISBT* specifications.

(*) ISBT = International Society of Beverage Technologists

Minimum shelf life as stated on the batch label: 60 months

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