

ALIGAL™ 9 / N₂O



ALIGAL™, the Air Liquide food grade solution

Applications

Food grade gases for whipped cream

Transport information

Compressed gases

Proper shipping name	Nitrous oxide
UN-Nr	1070
ADR/RID	Class 2
	Classification code 2 0

Refrigerated Gases

Proper shipping name	Nitrous Oxide, refrigerated liquid
UN-Nr	2201
ADR/RID	Class 2
	Classification code 3 0



Safety Data Sheets

Compressed gas : N° EIGA093A-ALG

Access: <https://be.airliquide.com/>

Refrigerated gas : N° EIGA093B-ALG

Access: <https://be.airliquide.com/>

Physical information

Molecular weight	44.01 g/mol
Relative density:	
Relative density, gas	1.5 (air=1)
Colour	Colorless
Odor	Sweet
CAS number	10024-97-2

Properties

Hazards identification: May cause or intensify fire; oxidizer. Contains gas under pressure; may explode if heated. May cause drowsiness or dizziness.

Flammability range: Non-flammable

Personal protection: Do not smoke while handling product. Ensure adequate ventilation. Protect eyes, faces and skin from liquid splashes. Do not use oil or grease. For full and more detailed information, please consult the Material Safety Data Sheet (MSDS).



Cylinder equipment

Valve fittings

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

Shoulder colour:

Blue (RAL 5010)



Product Specifications

Global purity (% Vol. abs)	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure	Capacity	Product reference
N ₂ O						
≥ 99 %	H ₂ O (5 bar) ≤ 50	Cylinder	10L	44 bar	7,5 kg	I8002S10R0A001
	CO ≤ 10	Liquid				I8300RG
	NO / NO ₂ ≤ 5					

Additional information

Product compliant with:

- E942 specifications
- Food safety compliance: Food safety management system FSMS including HACCP methodology, ISO22000, FSSC 22000 and traceability through batch lot number,
- Microbiological treatment of cylinders
- Cylinder compliant with : FDA EC 1935:2004

Stability: 60 months

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