

# FACT SHEET NITROGEN



## CHARACTERISTICS

Nitrogen is a non-flammable gas which does not support combustion. It is colourless, odourless and non-toxic; it is almost a totally inert gas (containing approx 79% volume of air).

## APPLICATIONS

- Purging and pipeline testing
- Tyre inflation
- Inert atmospheres
- Food packaging and wine making
- Gauge calibration
- Metal degassing
- Aerosol propellant
- Hydraulic systems and air tools
- Photo processing
- Plastic forming
- Fire fighting
- Dispensing Nitrogen beer

## HAZARD STATEMENT(S)

- Contains gas under pressure; may explode if heated.

## PREVENTION STATEMENT(S)

- None allocated.

## RESPONSE STATEMENT(S)

- None allocated.

## STORAGE STATEMENT(S)

- Protect from sunlight. Store in a well-ventilated place.

## OTHER HAZARDS

- Asphyxiant. Effects are proportional to oxygen displacement.

## QUALITY ASSURANCE

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

Everyone at Supagas understands they must provide a safe environment for both their employees and the wider community. They are therefore committed to implement and maintain a continual improvement approach throughout the organisation while 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.

## PHYSICAL ATTRIBUTES



- **Signal Word:** Warning
- **UN Number:** 1066
- **Hazard No.:** 2(T)
- **Chem Symbol:** N<sub>2</sub>
- **Pictograms:**



## GENERAL SPECIFICATIONS

Specifications	D Cylinder	E Cylinder	G Cylinder	12 Pack
Cylinder/Pack (101.325kPa @15°C) - m <sup>3</sup>	1.5	3.5	9.1	153.0
Water capacity per cylinder - L	10	23	50	600
Cylinder Colour	Pewter			
Outlet Connection	Type 50			
Package Dimensions (H x W x D) - mm	645 x 180	780 x 230	1580 x 230	1900 x 1020 x 780

Cylinder dimensions are approximate - variations may occur due to manufacturing tolerances. Height includes the valve. Container sizes may vary from state to state.

## TYPICAL ANALYSIS

Product Type	N <sub>2</sub>	O <sub>2</sub>	Moisture	C <sub>x</sub> H <sub>y</sub>
HP Grade	>99.995%	<10ppm	<10ppm	-

## PACKAGE SIZES AVAILABLE

Part No: H728015 - D Size  
Part No: H728035 - E Size  
Part No: H728091 - G Size  
Part No: H728153 - 12 x G Size (Pack)

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