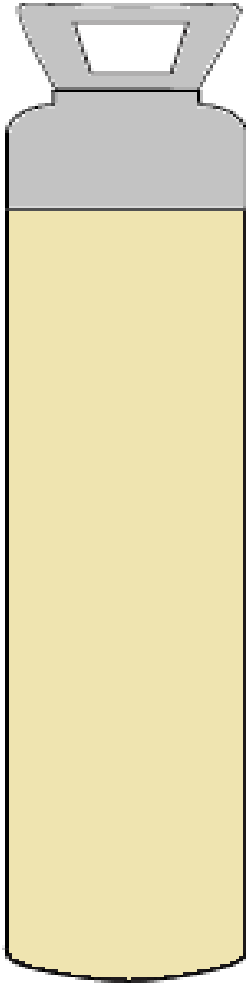


Nitrogen UHP Food Grade(N₂)



- Colourless
- Odourless
- Inert gas
- Non-flammable
- Food Grade

Applications:

Food preservation

Color Coding: Ivory with grey shoulder

Purity: $\geq 99.9995\%$

Hazards :



UN Nb: 1066

LGI technical Capabilities:

- ◆ Experience since 1952
- ◆ Environmental safe processes
- ◆ Main Partners: Afrox, Linde....
- ◆ As per South African standard
- ◆ Fleet of special delivery trucks (4 delivery vehicles)
- ◆ Management of customers' stock and availability at all times
- ◆ Cylinder test workshop (testing , cleaning, quality check ,painting)



Nitrogen UHP Food Grade(N₂)



Product information					
Cylinder Capacity		Cylinder Pressure @ 20°C (Bar)	Cylinder Height (mm)	Cylinder Diameter (mm)	Connection with Valve
M ³	CUFT				
6.80	240	150	1500	225	3/4" BS'PF Right Hand Female

Chemical Properties	
Molecular Weight	Specific Volume @ 20°C & 101.325 Kpa
28.00g/mol	862ml/g

Hazards
<ul style="list-style-type: none"> Nitrogen does not support life It can act as a simple asphyxiant by diluting the concentration of oxygen in air below the levels necessary to support life

Uses and Features
<ul style="list-style-type: none"> To prevent the undesirable presence of oxygen, nitrogen is valuable in food packing, wine making, packaging and preserving rubber products and optics Nitrogen is also used for the inert packaging of foods, sparging wines, pressurisation of head spaces in liquid containers and conveyance of beverages in pressurised pipe systems Sterile environment—blanketing in food process

Handling and Storage
<ul style="list-style-type: none"> Do not allow cylinders to slide or come into contact with sharp edges Nitrogen cylinders may be stacked horizontally provided that they are firmly secured at each end to prevent rolling Use a "first in - first out" inventory system to prevent full cylinders from being stored for excessive periods of time Keep out of reach of children