

Entonox (N₂O and O₂)



- Consisting of 50% nitrous oxide and 50% oxygen
- Non-invasive, inhaled analgesic
- Rapid onset/offset action
- Not only analgesic but contains sedative and anxiolytic properties
- Entonox can be combined with all other analgesics
- Entonox is a ready-to-use medical gas mixture
- Fast and effective

Applications:

During a painful procedure like childbirth , for relief of pain

Color Coding:

French blue and white quadrants on the shoulder of the cylinder

Composition: 48 –52 % O₂ / 52 – 48 % N₂O



Hazards :

UN NB: 1070 and 1072

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)*



Product information

Cylinder Capacity	Cylinder Pressure @ 20°C (Bar)	Cylinder Height (mm)	Cylinder Diameter (mm)		
				M ³	CUFT
0.4	140	520	100	15	
3.2	140	1130	160	114	

Hazards

- All cylinders are portable gas containers, and must be regarded as pressure vessels at all times
- Entonox is non flammable, but readily supports combustion
- Never permit oil, grease or other readily combustible substance to come into contact with high concentrations of Entonox

Uses and Features

- Exclusively for the relief of pain in a controlled setting by a healthcare professional
- Entonox is a ready-to-use medical gas mixture consisting of 50% nitrous oxide and 50% oxygen
- During a painful procedure like childbirth, when the emphasis is on delivering relief from pain and discomfort with minimal sedation, Entonox is a commonly used technique
- It is fast acting, self-regulated, and disperses rapidly from the body following cessation of inhalation.
- Entonox is fast and effective – the onset of pain relief is gained within a minute – any effects wear off rapidly

Handling and Storage

- Do not allow cylinders to slide or come into contact with sharp edges
- Cylinders of Entonox should not be stored near cylinders of acetylene or other combustible gases
- Entonox cylinders may be stacked horizontally provided that they are firmly secured at each end to prevent rolling
- Prevent dirt, grit of any sort, oil or any other lubricant from entering the cylinder valves, and store cylinders well clear of any corrosive influence, e.g. battery acid
- Compliance with all relevant legislation is essential
- 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