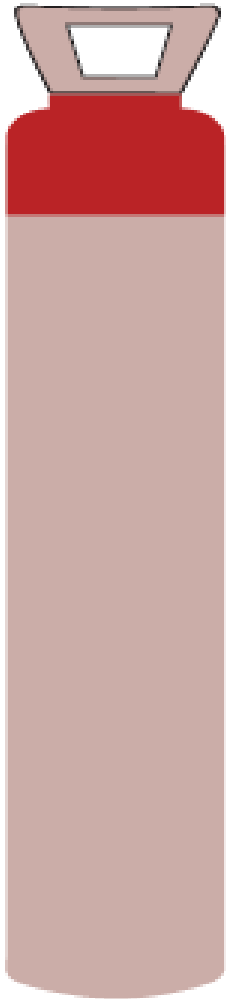


RH5



- Consisting of Hydrogen 5% ($\pm 2\%$) and balance of Nitrogen
- Asphixiant & flammable gas

Applications:

Used as a reducing agent

Color Coding: Salmon pink with red shoulder

Hazards :



UN Nb: 1954

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) | Connection with Valve |
| M ³ | CUFT | | | | |
| 7.92 | 280 | 172 | 1550 | 230 | G 5/8" BS341 n°4 Left Hand Female |

Hazards

- Highly flammable
- The above listed shielding gas mixtures do not support life
- They can act as a simple asphyxiant by diluting the concentration of oxygen in air below the levels necessary to support life

Uses and Features

- Used as a reducing agent: prevent from oxidation of metals during heat treatment

Handling and Storage

- Do not allow cylinders to slide or come into contact with sharp edges
- RH5 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
- Conspicuous signs should be posted in the storage area forbidding smoking or the use of naked lights
- Keep out of reach of children