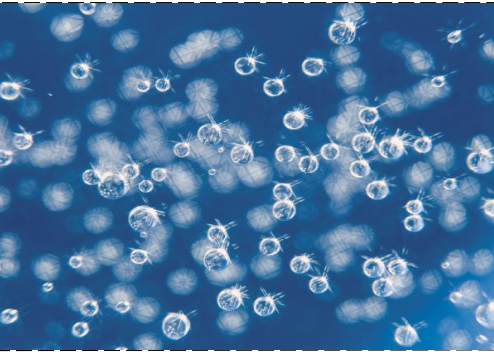


# Forming Gas 10% Hydrogen / Nitrogen



TIGCS delivers forming gas in a mode of supply to suit each of our customer's needs: cylinder, Pack or mixed onsite

## ● Applications

Forming Gas in Electronic process  
Shielding gas in gas welding. Shielding or assist gas for plasma-cutting or laser-cutting

## ● Transport information

### Compressed gas

Proper shipping name            H2 10%;N2 90%  
UN Nr                                    1954  
ADR/RID                                Class 2 Label 2.1



## ● Safety Data sheets

Access:

## ● Physical information

Relative density, gas . . . . . 0.89 (calculated 15 C)  
Colour . . . . . colourless gas  
Odor . . . . . odorless gas

## ● Properties

Hazards identification: Can form a potentially explosive atmosphere in air. May react violently with oxidants. Contains gas under pressure; may explode if heated.  
Flammability range: Highly flammable Gas  
Personal protection: ensure adequate ventilation

## ● Cylinder equipment

Valve: CGA 350  
Cylinder color: Gray  
Cylinder strip: Red



## ● Product Specification

Components (% Vol. abs)	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure (bar)	*Capacity (m3)
H2 10% ± 1.0%	H2O ≤ 5	Cylinder	47L	150	7
N2 balance	O2 ≤ 5	Cylinder	50L	200	10
		Pack 16	50L	200	162

\*Typical capacities of the product are guaranteed for each cylinder in particular.

### DISCLAIMER

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