



TIGCS produces and delivers hydrogen in total safety, in a mode of supply to suit our customer's needs: cylinder, tube trailer or on-site production

• Applications

Metals heat treatment
Desulfurizing of petroleum-based fuels
Glass treatment
Fuel cells

• Transport information

Compressed gas

Proper shipping name
UN Nr
ADR/RID

Hydrogen, compressed
1049

Class 2 Classification Code 1 F



• Physical information

Molecular weight 2.016 g/mol
Relative density, gas 0.07 (air=1)
CAS number 1333-74-0

• Properties

Hazards identification: extremely flammable
Flammability range: 4 - 75 vol% in air
Personal protection: ensure adequate ventilation, do not smoke while handling product.

• Cylinder equipment

Valve: CGA 350
Cylinder color: Red



• Safety Data sheets

Access:

• Product Specification

Components (% Vol. abs)	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure (bar)	*Capacity (m3)
H2					
≥ 99.95%	H2O ≤ 10	Cylinder	47L	150	7
	O2 ≤ 10	Pack 16	50L	200	162

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

DISCLAIMER

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