

# HYDROGEN UHP



*the simple solution to enhance your analytical performance  
the commitment to quality for % to ppm analysis*

## • Applications

Carrier gas (GC)  
Instrumentation gas (Flame, Thermal analysis,...)

## • 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) H2	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure (bar)	*Capacity (m3)
≥ 99.999%	H2O ≤ 3	Cylinder	47L	150	7
	O2 ≤ 2	Cylinder	50L	200	10
	CnHm ≤ 1	Pack 16	50L	200	162

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

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