

# HYDROGEN SULPHIDE N25 / H<sub>2</sub>S

Air Liquide's Gas Encyclopedia - Pages: 933 - 940

## Applications

R&D

## Transport information

### Liquified Gases

Proper shipping name	Hydrogen sulfide
UN-Nr	1053
ADR/RID	Class 2
	Classification code 2 TF



## Safety Data Sheets

Compressed gas : N° EIGA073  
Access: <https://be.airliquide.com/>

## Physical information

Molecular weight	34 g/mol
Relative density:	
Relative density, gas	1.2 (air=1)
Colour	Colorless
Odor	rotten egg smell
CAS number	7783-06-4

## Properties

**Hazards identification:** Extremely flammable, very toxic

**Flammability range:** 3.9 to 45.5 (% vol in the air)

**Personal protection:** Ensure adequate ventilation. For full and more detailed information, please consult the Material Safety Data Sheet (MSDS).



## Cylinder equipment

**Shoulder colour:**  
Yellow (RAL 1018)



## Product Specifications

Global purity (% Vol. abs)	Impurities (ppm v/v in liquid phase)		Supply mode	Packaging size	Pressure	Capacity	Product reference
H <sub>2</sub> S							
> 99,5 %	COS	< 3000	Cylinder	5L	14.5 bar	2,9 kg	P0800S05R0A001
	CH <sub>4</sub>	< 500	Cylinder	20L	14.5 bar	13 kg	P0800M20R0A001

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