

ALPHAGAZ™ Mix 40 % H₂/He



Applications

Emission Monitoring
Laboratory Research
Laboratory Research

Transport information

Compressed gas cylinders

Proper shipping name Flammable compressed gas,
N.O.S. (Hydrogène,
Hélium)compressed gas, N.O.S.
(Hydrogène, Hélium)

UN-Nr 1954

ADR/RID Class 2
Classification code 1 F



Safety Data Sheets

Compressed gas : SDS 00270
Access: <https://www.msds-al.co.uk/>

Product Specifications

Components (% Vol. abs)			Impurities (ppm)		Supply mode	Packaging size	Pressure	Capacity	Product reference
H ₂	40 %	± 1 mol % abs	CnHm	≤ 0.5 mol ppm	Cylinder	50L SMARTOP	200 bar	10 m3	P3410L50S2A001
He	Balance		-	-					

Additional information

Storability: 60 months

Physical information

Relative density:
Relative density, gas Lighter than air

Colour Colorless

Odor Odorless

CAS number H2: 1333-74-0, He : 7440-59-7

Properties

Hazards identification: Extremely flammable gas. Contains gas under pressure; may explode

Flammability range: Highly flammable



Cylinder equipment

Valve fittings

BS341 - No 4

Shoulder colour:

Red (RAL 3000)



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