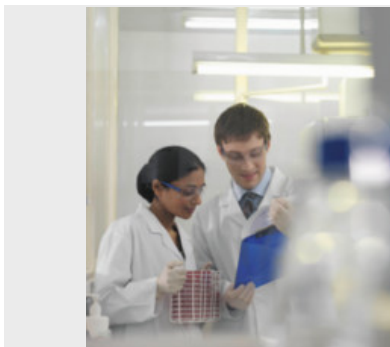


SULPHUR DIOXIDE 3.8 / SO₂



Air Liquide's Gas Encyclopedia - Pages: 1121-1130

Applications

Laboratory & Research
Chemical Synthesis
Water Treatment

Transport information

Compressed gas cylinders

Proper shipping name Sulfur dioxide
UN-Nr 1079
ADR/RID Class 2
Classification code 2 TC



Safety Data Sheets

Compressed gas : SDS-113-CLP
Access: [https://www.msds-al.co.uk/assets/file_assets/SDS-113_CLP_Sulphur_dioxide\(7446-09-5\).pdf](https://www.msds-al.co.uk/assets/file_assets/SDS-113_CLP_Sulphur_dioxide(7446-09-5).pdf)

Physical information

Molecular weight 64,06 g/mol
Relative density:
 Relative density, gas Heavier than air
Colour Colorless
Odor Pungent
CAS number 7446-09-5

Properties

Hazards identification: Toxic by inhalation and highly corrosive to the eyes, the respiratory system and the skin

Flammability range: Non-flammable



Cylinder equipment

Valve fittings
BS341 - No 14
Shoulder colour:
Yellow (RAL 1018)



Product Specifications

Global purity (% Vol. abs)	Impurities		Supply mode	Packaging size	Pressure	Capacity	Product reference
SO ₂							
≥ 99,98 %	H ₂ SO ₄	< 10 wt. ppm	Cylinder	50L	< 99 bar	62 kg	P1734L50R0A001
	H ₂ O	< 50 wt. ppm					

Additional information

Additional impurities :

H₂SO₄<10ppm,

Se<0.1ppm,

As<0.1ppm,

Hg<0.1ppm,

Pb<0.1ppm

Storability: 36 months

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