

Sulfur Dioxide (SO₂)



TIGCS delivers Sulfur dioxide in a mode of supply to suit each of our customer's needs: gas, cylinder

● Applications

Food and Beverage Preservatives
Chemical Manufacturing
Pulp and Paper Industry
Water Treatment
Glass Industry

● Transport information

Compressed gas

Proper shipping name	Sulfur Dioxide
UN Nr	1079
ADR/RID	Class 2.3



● Safety Data sheets

Access: <https://www.tigcs.co.th/Safety-manual-ebook>

● Physical information

Molecular weight 64.063 g/mol
Relative density, gas 2.26 (air=1)
Relative density, liquid 1.44 (water=1)
Liquefied gas 1.22 (water=1)
Refrigerated gas 0.66 (water=1)
CAS number 7446-09-5

● Properties

Hazards identification: Inhalation can lead to serious health effects, including pulmonary edema and respiratory distress
Flammability range: non flammable
Personal protection: it is essential to wear appropriate personal protective equipment (PPE)

● Cylinder equipment

Valve: BS-14
Cylinder color: Grey (RAL 7037)
Stripe color: Yellow (RAL 1018)
Valve Caps



● Product Specification

Components (% Vol. abs)	Impurities		Supply mode	Packaging size	*Capacity (KG)
SO ₂					
≥ 99.9%	Oxygen	≤ 50 ppm	Cylinder	50L	60
	Nitrogen	≤ 200 ppm			
	Sulfur Trioxide	≤ 100 ppm			
	Residues	≤ 0.05%			
	Moisture	≤ 50 ppm			

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

DISCLAIMER

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