

Sulfur Dioxide (SO₂) Food Grade



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

● Applications

Food and Beverage Preservatives
Winemaking
Dried Fruits

● 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>

● Product Specification

Components (% Vol. abs)	Impurities	Supply mode	Packaging size	*Capacity (KG)
SO ₂				
≥ 99.9%	Pb, mg/kg ≤ 2	Cylinder	50L	60
	Se, mg/kg ≤ 20			
	As, mg/kg ≤ 2			
	Water content ≤ 0.05 w/%			
	Non-volatile matter ≤ 0.05 w/%			

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

● 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: CGA 320 with Dip-tube
Cylinder color: Grey (RAL 7037)
Stripe color: Yellow (RAL 1018)
Valve Caps



DISCLAIMER

The information contained in this Product Sheet is of a general nature and does not take into account any specific or local condition or regulation and shall neither be considered as recommendations. TIGCS assumes no liability or responsibility regarding the information contained in this Product Sheet, the completeness of this document, for the use of the information or consequences of such use, and disclaims all warranties (direct or indirect) of any kind.