

Marking**CAS-Number**

7446-09-5

Characterization acc. ADRUN 1079, Sulphur dioxide, 2.3 (8)
Class 2, 2 TC**Cylinder Marking**shoulder:
yellow**Essential properties**Colorless, toxic, corrosive gas with characteristic odor, liquified,
heavier than air**Symbols of Risks**

toxic



corrosive



gas, liquified

Physical Properties

molecular weight: 64,059 kg/kmol

gas density at 0°C and 1,013 bar: 2,9285 kg/m³

density ratio to air: 2,2650

vapour pressure at 20°C: 3,305 bar

For additional safety information see Material-/safety data sheet No. *-SO2-113

Valves / Manifolds**Valve connection**

acc. to national standards

Recommended ManifoldsSpectrocem FE 121 SP
regulating valve PN 40**Specifications / Forms of delivery**

		3.8	
Composition			
SO ₂	>	99,98	Gew.-%
Impurities			
H ₂ O	<	30	ppmv
sulphuric acid	<	50	ppmv
residual	<	100	ppmv
Cylinders / Contents			
F 10		12,0	kg
F 40		50,0	kg
F 50		63,0	kg
F 100		100,0	kg
barrel 500 L		550,0	kg
barrel 1000 L		1100,0	kg

Remarks

Applications:

Production of sulfuric acid

Preserving agent in food industries

- wine (antioxidant, antibiotic), also for disinfection of winery equipment
- dried fruit (preservative, antibiotic, keeps appearance)
- sugar (bleaching)

Delivery only with ultimate consumers declaration!

No delivery to private person!