

Sulfurous Anhydride

Data Sheet

- **Product name:** Sulfurous Anhydride.
- **Chemical name:** Sulfur Dioxide.
- **Chemical formula:** SO₂.
- **Appearance:** Transparent or slightly yellow liquefied gas.
- **Measuring equipments:** 50 gr (1gr scale), 3, 5, 25 and 50 kg.
- **Packaging:** 25, 50 and 100 kg returnable iron tubes, in bulk, or in 0.40 to 20 Tn iron tanks (in commodatum).

SPECIFICATIONS		
Purity:	99,98% min	99,9% Type
Water content:	100 ppm max.	50 ppm Type
Acid content:	10 ppm max.	3 ppm Type
No-volatile content:	50 ppm max.	25 ppm Type Analysis

LIQUID SULFUR DIOXIDE

SPECIFICATIONS			
Parameter	Unit	Minimum	Maximum
Purity	% (p/p)	99.0	-
Heavy metals (expressed like lead)	ppm	-	10.0
Iron	ppm	-	50.0
Copper	ppm	-	10.0
Arsenic	ppm	-	3.0
Mercury	ppm	-	1.0
Selenium	ppm	-	10.0
Color	Colorless		



La imagen es sólo para presentar el producto



Product applications:

- **Chemically:** Sulfurous Acid, sulfites and bisulfites, intermediate dyes, sulfonation, additive organic compounds of SO₂.
- **Refineries:** It is used as a selective solvent.
- **Paints and varnishes:** It is used for the polymerization of dry or crude oils.
- **Food industry:** It is used for the preservation of pulps and vegetable or fruit juices and also in wines, sulfited musts and the malt industry.
- **Cork industry:** It is used as a germicide.
- **Fishing industry:** It is used as a preservative and germicide.
- **Glass industry:** glasses, lamp lightbulbs, bottles and medicine bottles; it reduces breakages and eliminates sodium.
- **Rubbers and gelatins:** It is used in solubilizing processes and also as an acidulating and preservative agent.
- **Tanning industry:** It is used as a bichromate and lime reducing agent, and also as a bleacher in vegetable tannings.
- **Metallurgical industry:** It is used in precious metal refining, flotation metal treatment, metallic oxide chlorination and magnesium smelting.
- **Pulps and papers:** It is used in the stabilization of pulps' chemical dying and in other applications.
- **Sugar mills:** It is used in sugar cane juice treatment and as a bleacher.
- **Other uses:** in liquor fading treatments, chlorine removal, water treatments, bed and filter cleaning, cosmetics, photographic and plastic composites, pH Mathienson control process, as a neutralizer, hexavalent chrome reducer, as a bleaching agent for paper, textiles, oils, etc. and many other applications.

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