

Technical Data Sheet

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Item Name:

SMBS

PRODUCT INFORMATION

Chinese Name:	焦亚硫酸钠
Commodity Name:	SMBS
Chemical Name:	Sodium Metabisulfite
Other Name:	Anhydrous Sodium Bisulphite, Sodium Pyrosulphite, Sodium Disulphite
CAS No.:	7681-57-4
Molecular Weight:	190.12
Molecular Formula:	$\text{Na}_2\text{S}_2\text{O}_5$

PRODUCT DESCRIPTION

Free flowing crystalline powder with odor of SO_2

TECHNICAL SPECIFICATION

Index	Technical Grade
Appearance	White free flowing crystals
Main content ($\text{Na}_2\text{S}_2\text{O}_5$) by wt %	97.0 min
Heavy metal by ppm	5 max
Iron (Fe) by ppm	50 max
Water insoluble by wt %	0.05 max
pH value (5% solution)	4.0 - 4.8

MAIN APPLICATION

Waste water-treatment to remove excess Chlorine, as chrome reducer(tanneries and chrome plants), for decianuration treatment (gold mining) and for decreasing metal contaminants(mainly copper).

Chemical synthesis in the production of sodium hydrosulfite, sulphonates, cleaning detergents, resins and Purification of Aldehydes and ketones, pesticides, herbicides.

Pulp and Paper for Delignification and Textile as Beaching Agent, and for removing the excess of chlorine and peroxides.

Tanneries as an Auxiliary in decalcification & Bleaching Process.

Starch Production as bleaching agent & bactericidal.

Mining Industry as Floating agent, cyanide detoxification or as reducing agent in metal refining(copper recovery).

Steam boiler & drilling water as oxygen scavenger.

PACKING, AND SHELF LIFE

Packing: 25kg polypropylene woven/ paper bags with inner PE liner.

1000kg/1100kg/1200kg/1250kg/1350kg jumbo bags

Shelf Life: 12 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

It absorbs moisture & oxidizes if container is not kept tightly closed.

If heated over 60°C , SO_2 is evolved, forming Sodium Sulphite.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.