



Aditya Birla Chemicals (Thailand) Limited

(Sulphites Division)

BIRLASULF - SS

Product Specification Sheet

Name	:	Sodium Sulphite
Grade	:	Technical
Description:		Sodium Sulphite is a free flowing crystalline odourless powder.
Formula	:	Na_2SO_3
Molecular Weight	:	126.05
Bulk Density	:	1.3 - 1.5 kg/dm ³
Appearance-20% Soln.	:	Clear & colorless.
CAS NO	:	7757-83-7

Specification:

Assay	% w/w	97.0	Min.
Sulphates	% w/w	2.5	Max.
Moisture	% w/w	0.1	Max.
Insolubles	%	0.1	Max.
Iron (as Fe)	ppm	10.0	Max.
Heavy Metals (as Pb)	ppm	20.0	Max.

Specs. Conforming to ANSI PH4 275:1980.

ANALYSIS METHODS:

The indicated values are determined according to our Standard Analysis method, which can be produced on request.

STANDARD PACKING:

- 25 Kgs Polypropylene Woven / paper bags with heat sealed inner liner.
- 500 Kgs & 1000 Kgs Jumbo Bags.

STORAGE & HANDLING:

Store the product in a dry cool & humid free place. On exposure to air, it oxidizes to Sodium Sulphate. The product can be handled in bulk with mechanical, pneumatic and vacuum system.

MAJOR APPLICATIONS OF SODIUM SULPHITE:

- Water Treatment: Oxygen scavenger in Boiler water and drilling water.
- Effluent water-treatment of excess Chlorine & detoxification of Chromic acid in electroplating industries.
- Desalination plants for manufacturing Potable water.
- Photography: In formulation of developers and fixers solutions.
- Pulp & Paper: In processing of semi-chemical pulp production in chemi-thermo-mechanical and Kraft pulping process.
- Chemical industry: manufacture of Sodium Thiosulphate, Sulphonating agent
- Detergents: manufacture of sulfosuccinates.
- Dyestuffs: reducing agent in manufacture of indigo-at dyes
- De-chlorination: as an antichlor following bleaching by sodium hypochlorite.
- Chemical: Raw material in manufacture of Sodium-Sulfur chemicals.
- Latex: stabilizing latex.
- Minerals: Ore floatation aid.
- Leather industry: antibacterial in tanning process.
- Food processing: as preservative, antioxidant and enzyme inhibitor

This Technical data sheet Identified as TDS / SS / 0803. Cancels & replaces all previous editions.

The data, information contained herein are given purely as a guide. We undertake no responsibility either for the results deriving from their adoption or for possible position in apparent contrast with existing patent right

ADITYA BIRLA CHEMICALS (Thailand) LIMITED Sulphites Division

Bangkok Office : 888/163, 16th Floor, Mahatun Plaza Bldg, Ploenchit Road, Lumpini, Pathumwan, Bangkok 10330, Thailand.

Tel : +66-2-2536745-54, Fax : +66-2-2539062, E-mail : sales@thaisulphites.com

Factory : 82 Moo 5, Sudbantad Road, Tumbol-Tandiew, Amphur-Kaengkhoi, Saraburi 18110, Thailand.

Tel : +66-36-240200, Fax : +66-36-240201.

Website : www.adityabirlachemicals.com