BIRLASULF - SM

Product Specification sheet

**Name:** Sodium Metabisulphite

**Grade:** Technical

**Description:** Sodium Metabisulphite is a free flowing crystalline powder with odour of SO₂

**Formula:** Na₂ S₂ O₅

**Synonyms:** Anhydrous Sodium Bisulphite, Sodium Pyrosulphite, Sodium disulphite

**Molecular Weight:** 190.12

**Bulk Density:** 1.2 - 1.3 kg/dm³

**Appearance:** White free flowing crystals

**Appearance of 20% Solution:** Clear & Colorless or Pale yellow.

**CAS NO:** 7681-57-4

**Specification:**
- Assay % w/w: 96.0 Min.
- SO₂ %: 64.6 Min.
- Sulphate % w/w: balance
- Insolubles % w/w: 0.1 Max.
- Iron (as Fe) ppm: 10 Max
- pH of 5% Solution@25°C: 4.0 - 4.8

**Specs. Conforming to:** ANSI PH4 276:1980

**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 and 1000 Kgs Jumbo Bags.

**STORAGE & HANDLING:**
Store the product in a cool & and dry place. It absorbs moisture & oxidizes if container is not kept tightly closed. If heated over 60°C, SO₂ is evolved, forming Sodium Sulphite.

For more information kindly refer to the Material Safety Data Sheet.

**MAJOR APPLICATIONS OF SODIUM METABISULPHITE:**
- Effluent water-treatment to remove excess Chlorine & detoxification of Chromic acid in electroplating industries.
- Photographic industry for production of developer Solution / Acidizing Fixation Baths.
- Purification of Aidehcydes & Ketones.
- Pulp and Paper for De- lignification and Textile as Bleaching Agent, Anti-Chlor and Anti peroxydes.
- Tanneries as an Auxiliary in Decalcification & Bleaching Process.
- Starch Production as bleaching agent & bactericidal.
- Mining Industry as Floating agent, cyanide detoxification
- Processing of Latex as preservative & Bleaching agent.
- Steam boiler & drilling water as a oxygen scavenger.
- Manufacturing of Indigo Vats dyes.
- Reverse Osmosis as antichlor
- Medical as manufacturing of anti oxidant drugs
- Brewing as bactericidal

This Technical data sheet identified as TDS / SM / 0803. Cancels & replaces all previous editions.
The data 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.