

# Sodium Metabisulfite

## Data Sheet

- **Product name:** Sodium Metabisulfite
- **Chemical name:** Sodium bisulfite powder, Dry Bisulfite, Sodium Pyrosulfite.
- **Chemical formula:**  $\text{Na}_2\text{S}_2\text{O}_5$ .
- **Appearance:** small, needle-shaped, free-flowing White crystals.
- **Packaging:** 25-kg polyethylene bags (55lb) and 700-1000-kg bags (1543-1843lb).



- **Product:** Sodium Metabisulfite - Food Grade
- **Product identification in the program:** "Manufactured Products Control"
- **Code:** MBSSA06042009

SPECIFICATIONS			
Parameter	Unit	Minimum	Maximum
pH (10% solution in water)	-	4.00	5.00
Purity - MBSS	% (p/p)	97.00	99.90
SO <sub>2</sub> content	% (p/p)	65.40	67.33
Appearance	Small, needle-shaped, free-flowing white crystals		

- **Product:** Sodium Metabisulfite - Technical grade
- **Product identification in the program:** "Manufactured Products Control"
- **Code:** MBSST06042009

SPECIFICATION			
Parameter	Unit	Minimum	Maximum
pH (10% solution in water)	-	4.00	5.00
Purity - MBSS	% (p/p)	95.00	97.00
SO <sub>2</sub> content	% (p/p)	64.00	65.40
Appearance	Small, needle-shaped, free-flowing white crystals.		



## Product Applications:

- **Textile industry:** as anti-chlorine and bleaching agent.
- **Paper industry:** as an anti-chlorine and bleaching agent
- **Tannins:** Brichromate reducing agent and tannin solubilizer in tannery.
- **Water treatment:** used for effluent treatment, in galvanoplasty and fishing.
- **Tannery:** for trapping hydrogen sulfide gases.
- **Food industry:** as an additive (preservative), antioxidant, bacteriostat. Antioxidant for vegetable products and fruit juice production.
- **Dry cleaning:** as a chlorine neutralizer
- **Photography:** in reverse osmosis desalination plants, to remove chlorine excess and preserve membranes. It is also used as photographic fixer reducing agent.
- **Others:** chemical synthesis, fiber production, vitamin k, vitamin A, pharmaceutical intermediaries.

Juan Messina S.A. - Industrias Químicas  
Sarmiento 451 - Villa Nueva - Guaymallén  
Mendoza - Arg. / [info@juanmessina.com.ar](mailto:info@juanmessina.com.ar)

**Tel/Fax: +54 261 4450909**  
**[www.juanmessina.com.ar](http://www.juanmessina.com.ar)**