

	Product Specification	VEEP #:	DDE-002
		Revision #:	01
	Sodium Bisulfite Solution 37%	Last Rev. Date:	12/03/2012
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Product Name / Synonyms

Sodium Bisulfite Solution / Sodium hydrogen sulfite.

Chemical Name

Sodium Bisulfite Solution, E 222.

CAS #: 7631-90-5

Functional Uses

Sodium Bisulfite is used as whitening agent in several types of industry as well in waste water treatment for removal of residual chlorine. It can be also used as a reducing agent and antioxidant, presenting an inhibitory effect of the proliferation of microorganisms, which justifies its use in the food segment. Chemically it is equivalent to the sodium metabisulphite dissolved in water.

Appearance / Form and Presentations

Liquid slightly yellowish, pungent sulfur dioxide odor. / Bulk, IBC or drums.

Properties

Analysis	Unit	Especification
Assay, as NaHSO ₃	% w/w	33.0 – 37.0
Assay, as SO ₂	% w/w	20.0 – 24.0
Iron (as Fe)	ppm	max. 20
Lead (as Pb)	ppm	max. 2
Density	g/mL	1.20 – 1.40
pH	-	3.80 – 5.00

Storage Conditions

Store in a dry and well-ventilated location and free from direct exposure to Sun and/or heat.

Package

Drums or IBC made of high-density polyethylene with capacity from 25 to 1,000 kg, containing the batch number and the date of manufacturing.

Shelf-life

Recommended shelf life from date of manufacturing: 9 months, when stored within advised conditions.

The aforementioned data shall constitute the agreed contractual quality of the product at the time of passing of risk. The data are controlled at regular intervals as part of our quality assurance program. Neither these data nor the properties of product specimens shall imply any legally binding guarantee of certain properties or of fitness for a specific purpose. No liability of ours can be derived there from.

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