SODIUM SULPHITE ANHYDROUS HP

PHYSICO-CHEMICAL CHARACTERISTICS

Formula : Na_2SO_3
Molecular weight : 126.05
Bulk density : 1.5-1.7 kg/dm^3 approx.
Water solubility : solubility changes with temperature according to the following table:

t °C	10	15	20	25	30	40	50	60	70	80
g Na_2SO_3/100 g soln	16	18	21	23	26	27	26	25	24	22

QUALITATIVE CHARACTERISTICS

Appearance of the product	white crystalline powder	
Appearance of the 20% soln	clear and colourless	
Assay	% Na_2SO_3	> 98
	% SO_2	> 49.8
Alkalinity	% Na_2CO_3	< 0.1
Thiosulphates	% S_2O_3	< 0.01
Iron	mg/kg as Fe	< 5
Heavy metals	mg/kg as Pb	< 10
Selenium	mg/kg as Se	< 1
Arsenic	mg/kg as As	< 1
Lead	mg/kg as Pb	< 2
Mercury	mg/kg as Hg	< 0.5
Antimony	mg/kg as Sb	< 2
Cadmium	mg/kg as Cd	< 1
Chromium	mg/kg as Cr	< 1
Nickel	mg/kg as Ni	< 1

The product complies specifications of: Regulation EU 231/2012 (food additives), FCC XII (2020), UNI EN 12124:2013 (chemicals used for treatment of drinking water), ANSI PH4.275 and ISO 418 (photo standards)

The indicated values are intended as determined according to our standard analysis methods.

STANDARD PACKAGING

25 kg polyethylene bags (on demand with *antistatic treatment,* ATEX directive 1999/92/EC)
Various sizes bulk bags on pallets, shrinkwrapped

STORAGE

Store the product in a dry and cool place because the wet product easily oxidises to sodium sulphate.

MAIN USES

In food industry as additive (E221) preservative, antioxidant and antimicrobic for fruits (dried, glazed and candled), vegetables, juices and fish (shrimps and prawns).
In starch and sweeteners production as bacteriostatic or as alkaline agent.
Photographic industry as preservative of developing bath (to avoid fast oxidation of the product) and as buffer in thiosulphates solutions (to avoid thiosulphate decomposition in presence of acids).

FOR HANDLING INFORMATION PLEASE CONSULT THE SAFETY DATA SHEET.

THIS TECHNICAL DATA SHEET IS IDENTIFIED AS ***NSH 1 (0920) E9***