



SODIUM SULPHITE ANHYDROUS

PHYSICO-CHEMICAL CHARACTERISTICS

Formula	: Na ₂ SO 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 ₂ SO ₃ /100 g soln	16	18	21	23	26	27	26	25	24	22

QUALITATIVE CHARACTERISTICS

Appearance of the product	white or almost white crystalline powder	
Appearance of the 20% soln	clear and colourless or pale yellow	
Assay	% Na ₂ SO ₃	> 97
	% SO ₂	> 49.3
Iron	mg/kg as Fe	< 10
Heavy metals	mg/kg as Pb	< 20

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

STANDARD PACKAGING

25 kg polyethylene bags
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 chemical industry in the production of dyes, detergents, organic intermediates, etc.
As oxygen scavenger in steam boiler treatment and in sea water desalting treatment via multi-flash.
In tanneries as auxiliary in tanning process.
In textile as dechlorinating agent and bleaching adjuvant.
In pulp and paper industry in the production of chemimechanical, chemithermomechanical and sulphite pulp.
In wood panels production, in order to reduce formaldehyde emissions.
In extracting industry as oxygen scavenger in drilling water.
In plating, as reducer to prevent cyanate yielding.

FOR HANDLING INFORMATION PLEASE CONSULT THE SAFETY DATA SHEET.

THIS TECHNICAL DATA SHEET IS IDENTIFIED AS **NSA 1 (0920) E6**