



CHEMSYNTH CORPORATION

(Exporter of chemical Raw materials)

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SODIUM HYDROSULFITE

SPECIFICATIONS

NOMENCLATURE	: Sodium Hydrosulphite, Hydrosulphite of Soda, Sodium dithionite.								
PHYSICAL FORM	: White to grayish-white crystalline free flowing powder with pungent odour.								
CHEMICAL FORMULA	: $\text{Na}_2\text{S}_2\text{O}_4$								
PROCESS	: Manufactured by Zinc Process.								
PROPERTIES	:								
Molecular wt.	: 174.								
Bulk Density	: 1.1 to 1.4								
Melting Point	: 55°C								
Solubility	: Soluble in water, insoluble in alcohol and methanol.								
Odour	: Pungent								
Shelf Life	: Minimum 12 months from the date of packing if stored in a sealed Air-tight container.								
GRADES	: <table><thead><tr><th><u>GRADE</u></th><th><u>$\text{Na}_2\text{S}_2\text{O}_4$ CONTENT (MIN)</u></th></tr></thead><tbody><tr><td>Low Purity</td><td>70% Min, 74% Min, & 80% Min.</td></tr><tr><td>Standard</td><td>84% Min & 88% Min.</td></tr><tr><td>High Purity</td><td>92% Min.</td></tr></tbody></table>	<u>GRADE</u>	<u>$\text{Na}_2\text{S}_2\text{O}_4$ CONTENT (MIN)</u>	Low Purity	70% Min, 74% Min, & 80% Min.	Standard	84% Min & 88% Min.	High Purity	92% Min.
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Standard	84% Min & 88% Min.								
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APPLICATION	: Strong Reducing Agent								
	Dyeing, Printing and Stripping of Vat Dyes in Textiles.								
	Bleaching Sugar, Jaggary, Soap, Oils, Minerals Wood Pulp, Ceramics and Chemicals.								
	Oxygen scavanger for Synthetic Rubbers.								
	Discolouration of Effluent.								
PACKING	: Material is packed in Polythene Bags, placed in New M.S./ Fiber Drums or Plastic Carboys - 114 Kg, 100 Kg, 50 Kg, 25 Kg, 25 Kg & 1 Kg.								
STORAGE STABILITY	: Keep drums closed when not in use. Store drums away from heat and water.								
SAFETY PRECAUTIONS	: Subject to fire if allowed to become damp. In case of fire, use sand or fire extinguisher. Do not use water.								
SHIPPING DETAILS	: One FCL of 20 Feet can accommodate 20 MT.								
UN NO.	: 1384								
IMCO CLASS	: 4.2								
IMDG NO.	: 4262								