

# SODIUM SULPHATE ANHYDROUS (SSA)



## General Information

Chemical Formula	Na <sub>2</sub> SO <sub>4</sub>	Na <sub>2</sub> SO <sub>4</sub>
Synonym	Glauber's salt	
Origin	India	
H.S. Code	2833.11.00	
CAS No.	7757-826	
Molecular Weight	142.04 g mol <sup>-1</sup>	

## Application

Detergent powder	It is used as a filler to manufacture detergent powder.
Textiles	It is employed to manufacture textiles during the dyeing process as a leveling agent to aid the dye to penetrate evenly.
Pulp and paper	It is used is in the Kraft process, for manufacturing wood pulp, as a makeup chemical.
Glass industry	It is used in the glass industry to prevent the formation of silica scum on the glass melt during refining, to increase the speed of melting of raw materials, to hinder the crystallization in the melt and as a fining agent.
Other applications	It is used for heat storage in passive thermal systems, starch manufacture, carpet fresheners, cattle feed, as a drying agent for organic solutions, etc.

## Specification

Property	Units	Value
Na <sub>2</sub> SO <sub>4</sub>	%	99.5% MIN.
pH	%	7.0 - 9.0
Bulk Density	g/ml	1.2-1.5
NaCl	%	0.2 MAX
Loss on Ignition as 600 degrees C	%	0.3 MAX
Fe	ppm	25 MAX
Sieve Analysis -100 micron	Wt %	< 20
Water Insoluble	%	0.1 MAX
Moisture	%	0.2 MAX
Appearance		White Crystalline Powder

## Packaging

• 540 @ 50 KG HDPE BAG, 27 MT / 20' FCL

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