



Certificate No. : 6709-001

Shree Jay Ambe

Associated Finechem Pvt. Ltd.



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Technical data sheet

Sodium Silicate Neutral

Product Properties and technical data.

Chemical name: - Sodium Silicate Neutral Liquid

Chemical HS number: - 283919

Chemical Family: - Inorganic chemical

Chemical Formula: - Na_2SiO_3

Molecular weight: - 122

CAS No: - 1344-09-8

Widely known as: - silicate of soda neutral grade.

General Specification:

SR No.	Characteristics	Specifications
1	Physical Appearance	White transparent liquid
2	$\text{Na}_2\text{O}\%$	8-10 %
3	$\text{SiO}_2\%$	28-32 %
4	Ratio $\text{Na}_2\text{O}:\text{SiO}_2$	1:3.3 +/- 0.1
5	Baume	38-42

All the parameters are tested using a process issued by Bureau of Indian standard (BIS). The instruments used in the process are calibrated by NABL acerbated labs.

Application:-

Sodium silicate neutral is extensively used in the paper industry as an adhesive, in the foundry industry for casting hardening, and in the construction industry to accelerate the curing of cement and concrete mixtures. It is also a key raw material for manufacturing various types of silica gel, which finds applications in the rubber, pharmaceutical, and toothpaste industries.

Handling and storage:

The self-life of the material is 6 months. Store in a cool and dry place away from direct sunlight. Preferable in a shed where there is no weather effect.

Packing:

Drum packaging is available in capacities ranging from 50 to 280 kg. Additionally, packing in IBC tanks is offered. Tanker loads are also available but limited to Gujarat.

Production Capacity:

We have a monthly production capacity of 300 MT.