

Technical Data Sheet of Sodium Silicate Glass

Product Name: Sodium silicate glass (N)

Product Code: ACSCSSG

CAS No: 1344-09-08

Description: Sodium silicate glass is used as binder & builders in Soaps & Detergent industry. This product is APEO Free.

1. Physical Properties:

Appearance: Sky blue with transparent glass.

Odour: Odourless

Total soluble silicate: 98.50-99.80%

Mass ratio of total silicate as SiO₂: 2.0-2.3%

2. Chemical Composition:

Active Ingredients: Proprietary blend of Soaps & Detergent industry Products.

Hazardous Ingredients: None

3. Applications:

Sodium silicate glass is used for wide range of applications such as:

- It is used as a convenient source of sodium in various industrial products.
- It is used builder in laundry detergent, soaps, adhesive.
- It is used as binder & a flocculent in water treatment plants.
- Textile used to process cotton & dye synthetic fibres such as nylon & polyester.
- It is used water treatment & making drilling fluids & beaches.
- They are also used in wood bonding & bonding metal sheets to various substrates; in bonding glass to glass porcelain leather, textile, stoneware& so on bonding glass fibre assemblies.
- It is also used in optical glass applications.

4. Storage and Handling:

- Store in a cool, dry place. Stored at less than 60°C.
- Keep the store in closed container.
- Spills do not touch or walk through the material.

- Avoid contact with skin or eyes. In case of contact, rinse immediately with copious amounts of water and medical attention.
- Always wear suitable personal protective equipment (PPE) when handling, including chemical-resistant gloves, safety goggles, and protective clothing.

5. Packaging:

Sodium silicate glass is available in 50KG bags.

6. Shelf Life:

The product typically has a shelf life of 2 years from the date of manufacture when stored as recommended.

7. Safety and Environmental Precautions:

Sodium silicate glass is intended for industrial use only.

It's readily biodegradable & Dispose of the product and containers in accordance with local regulations.

Disclaimer: This technical data sheet is for informational purposes only and does not constitute a warranty or guarantee regarding the product's performance. Users should conduct their own tests to determine the suitability of Sodium silicate glass for their specific applications.