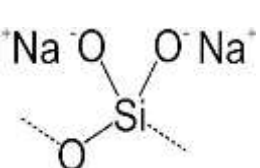


## General Information

|                  |                                   |   |
|------------------|-----------------------------------|---|
| Chemical Formula | Na <sub>2</sub> O <sub>3</sub> Si |  |
| Synonym          | Disodium silicate                 |   |
| Origin           | India                             |   |
| H.S. Code        | 2839.19.10.00                     |   |
| CAS No.          | 6834-92-0                         |   |
| Molecular Weight | 122.06 g mol <sup>-1</sup>        |   |

## Application

|                       |   |
|-----------------------|---|
| Adhesives and Cements | It is used as adhesives in making fiber drums, paper tubes, and miscellaneous. It also used for lining and laying refractory units in cement manufacture. |
| Pulp and Paper        | It is used for de-inking, sizing, coating and bleaching of recycled paper products in pulp and paper industry   |
| Textile Industry      | It is used with bleaches, soaps, wetting agent, synthetic detergents, and other alkali in cleaning and finishing in textile industry.                     |
| Other applications    | It is used as catalyst for certain reaction when combine with another substances.   |

## Specification

| Property            | Units                              | Value        |
|---------------------|------------------------------------|--------------|
| Appearance          |                                    | White Powder |
| Weight Ratio        | Na <sub>2</sub> O/SiO <sub>2</sub> | 1:1±0.1      |
| Na <sub>2</sub> O   | %                                  | 28.0-31.0    |
| SiO <sub>2</sub>    | %                                  | 28.0-31.0    |
| Solubility in Water | % w/v                              | 3            |
| Loss of Ignition    | %                                  | 44           |

## Packaging

- 800 @ 25 kg HDPE Bags with Liner, 20 MT / 20'FCL
- 400 @ 50 kg HDPE Bags with Liner, 20 MT / 20'FCL