



SUPREME PETRO CHEMICALS

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TECHNICAL DATA SHEET

Sodium Silicate (*Liquid, Commercial*)

DOC SPC-TDS-PWD-025
Rev 01 · 10 June 2026

CAS **1344-09-8** HSN **2839 19 00** GRADE **Commercial Grade, ratio ~2.0:1**

MANUFACTURED BY

GACL

Gujarat Alkalies and Chemicals Limited — Government of Gujarat enterprise, ISO-certified

NO	PARAMETER	UNIT	SPECIFICATION
01	Appearance	—	Clear viscous liquid
02	SiO ₂ : Na ₂ O Ratio (weight)	—	1.95 – 2.10
03	Total Solids	% mass	44 – 47
04	Na ₂ O Content	% mass	14.5 – 15.5
05	SiO ₂ Content	% mass	29.0 – 31.0
06	Density at 30 °C (Baume)	°Be	51 – 54
07	Specific Gravity at 30 °C	—	1.55 – 1.59
08	Matter Insoluble in Water	% mass	0.2 max

HANDLING

Alkaline solution; causes skin and serious eye irritation. Wear gloves and eye protection. Store in closed HDPE/MS-lined containers away from acids and aluminium; avoid freezing.

PACKAGING (AS SUPPLIED)

Carboys / road tanker (bulk)

For current pricing, availability or a Certificate of Analysis for Sodium Silicate: call or WhatsApp **+91 81979 47045 · +91 86087 80096**, or see [Supremepetrochemicals.com/products/sodium-silicate](https://www.supremepetrochemicals.com/products/sodium-silicate). Quotes are typically answered within 4 working hours (Mon–Sat).

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