

# Sodium Silicate Market India Scenario

Presentation by  
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Sodium silicates are made from **soda ash and high quality silica sand/ quartz.**  
The alternate process is based on **caustic soda and silica sand.**  
**Rice husk ash** is also used as source of silica



Sodium silicate is a key source of reactive silica that has high demand in numerous application industries, including **detergent, rubber, food and beverage, and paper and pulp**. Increasing demand for other derivatives such as **silica gels and silica sols in applications, including paints and coatings, plastics, and ink**



## Detergents

are one of the key applications of the substance and they accounted for the **Largest market share**



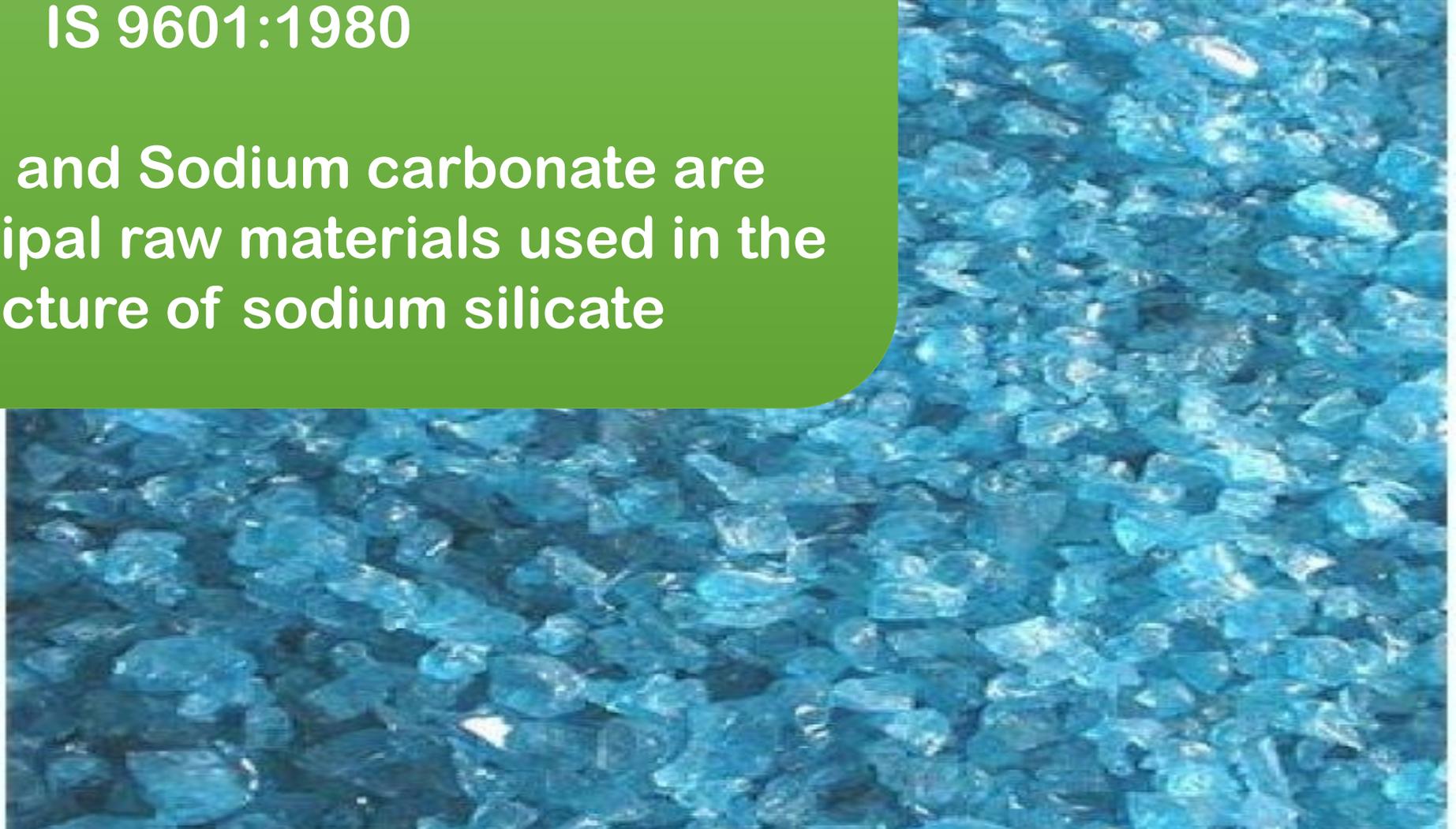
**Small Production Capacity  
Many Companies – Around 200  
Manufacturers, Importers, traders**

**Companies with Production capacity of  
12000 MTPA**

**Investment upto INR 50 MILLIONS / per  
company**

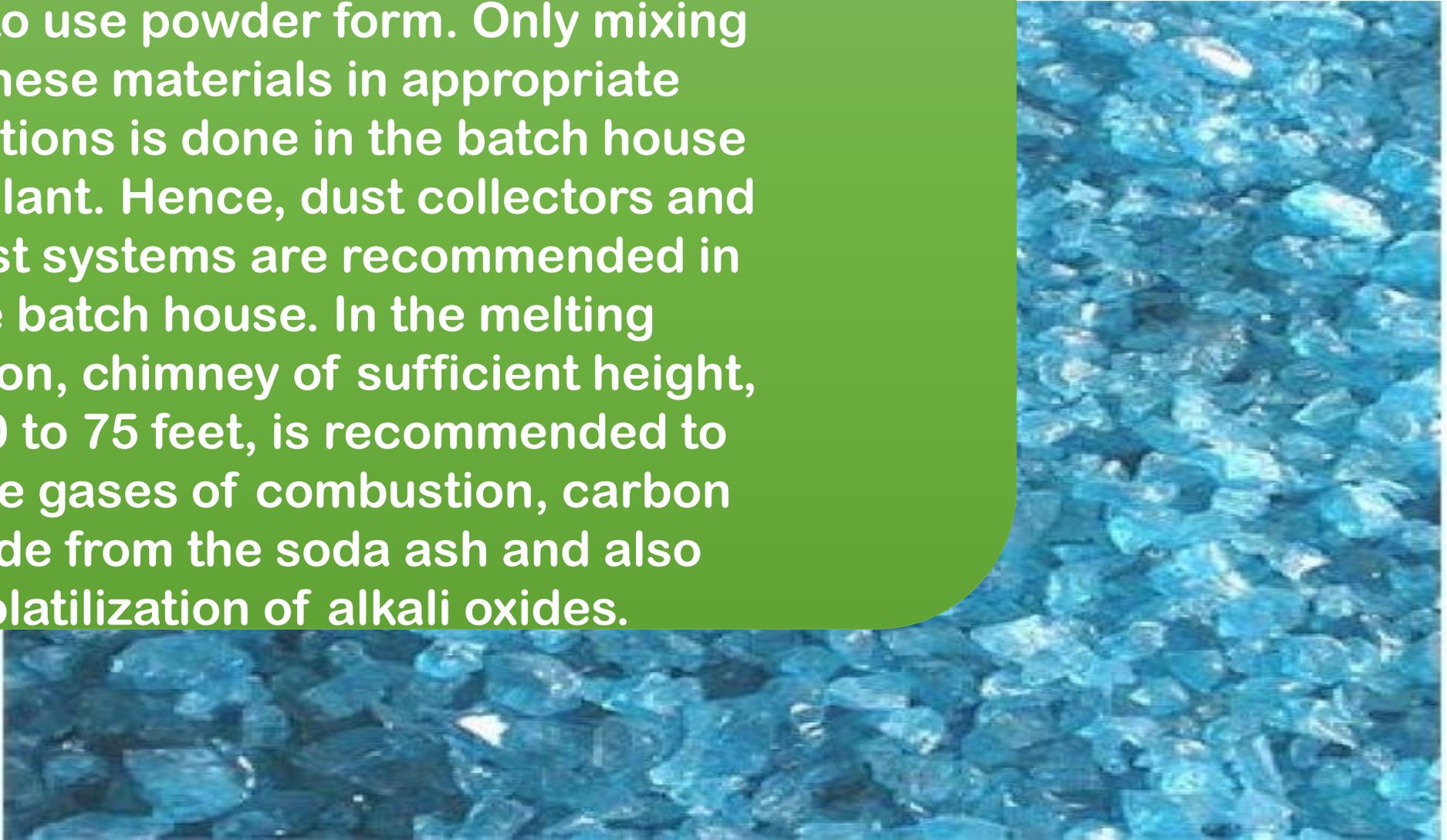
**QUALITY AND STANDARDS : IS 381:1995  
IS 6773:1978  
IS 9601:1980**

**Silica sand and Sodium carbonate are  
the two principal raw materials used in the  
manufacture of sodium silicate**



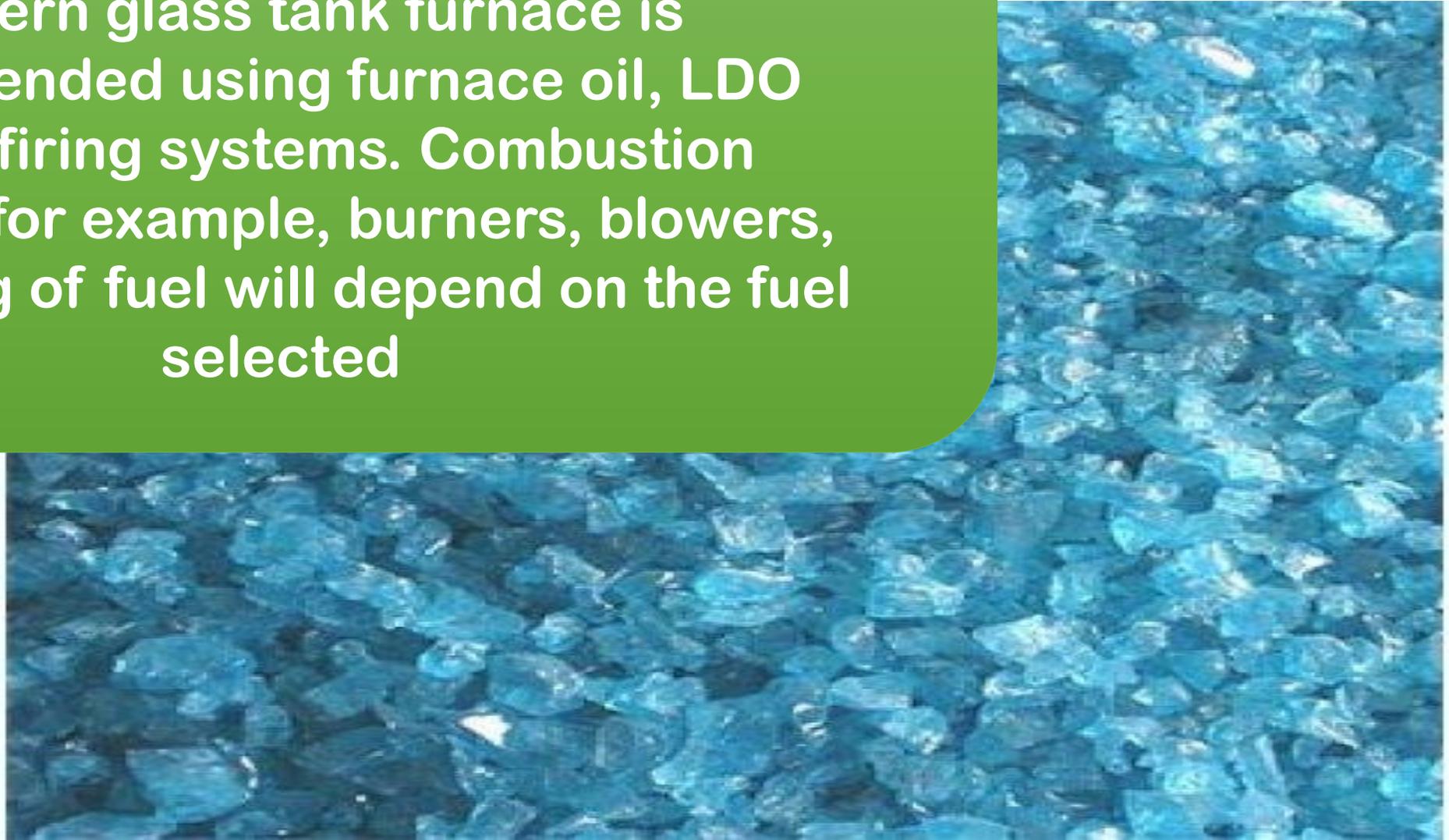
# Pollution Control

Both raw materials, silica sand and sodium carbonate are purchased in the ready to use powder form. Only mixing of these materials in appropriate proportions is done in the batch house in the plant. Hence, dust collectors and exhaust systems are recommended in the batch house. In the melting operation, chimney of sufficient height, say 60 to 75 feet, is recommended to exit the gases of combustion, carbon dioxide from the soda ash and also volatilization of alkali oxides.



# Energy Conservation

Modern glass tank furnace is recommended using furnace oil, LDO or gas firing systems. Combustion systems, for example, burners, blowers, preheating of fuel will depend on the fuel selected



# World Trade Exports

Export Data and Price of sodium x +

zauba.com/export-sodium-silicate-hs-code.html

## Detailed Export Data of sodium silicate

<b>2,634</b> Export Shipment Records found	Detailed Analysis & Trends of: Export of sodium silicate <a href="#">Click to View</a>	Customs Import Duty of: sodium silicate <a href="#">Click to View</a>	Trademarks on this page <a href="#">Click to View</a>
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# EXPORT DATA

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Date	HS Code	Description	Destination	Port of Loading	Unit	Quantity	Value (INR)	Per Unit (INR)
Nov 21 2016	28391900	SODIUM SILICATE	Nepal	Raxaul	KGS	1,520	34,115	22
Nov 21 2016	28399090	SODIUM SILICATE	Thailand	Nhava Sheva Sea	KGS	21,000	366,366	17
Nov 19 2016	28391900	SODIUM SILICATE NEUTRAL (AS PER INVOICEATTACHED)	United Arab Emirates	Nhava Sheva Sea	KGS	1,400	30,426	22
Nov 19 2016	28391900	SODIUM SILICATE LIQUID NEUTRAL GRADE OTHER DETAILS AS PER INV & P/LIST	Gambia	Mundra	KGS	22,400	503,518	22
Nov 19 2016	28391900	SODIUM SILICATE NEUTRAL (AS PER INVOICEATTACHED)	United Arab Emirates	Nhava Sheva Sea	KGS	280	6,625	24
Nov 19 2016	38249022	FREE OF COST OF N.C.V.:CLINZEX-DS {ZEOLITE(SODIUM ALUMINA SILICATE)},QTY.200 NOS.,VALUE FOR CUSTOM PURPOSE RS.71,172/-	Vietnam	Nhava Sheva Sea	NOS	1	0	0

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**Bulk Buyers**  
**End users – buy from**  
**small companies**





# Regulations Domestic International

## IS 381 (1995): Sodium silicate - Specification

Sodium silicate, liquid shall be thick, viscid, translucent mass of water, white or slightly grey colour. 5.1. 2 Sodium silicate, solid shall be in the form of glassy lumps of pale grey or green colour. To meet the special requirements, the particle size shall be as agreed to between the purchaser and the supplier.

## OUR FACTORY & EQUIPMENT

MEIBAO INDUSTRIAL TECHNOLOGY CO.,LTD

**Sodium  
Silicate  
producing  
Factory &  
Facilities**



# Products in the market

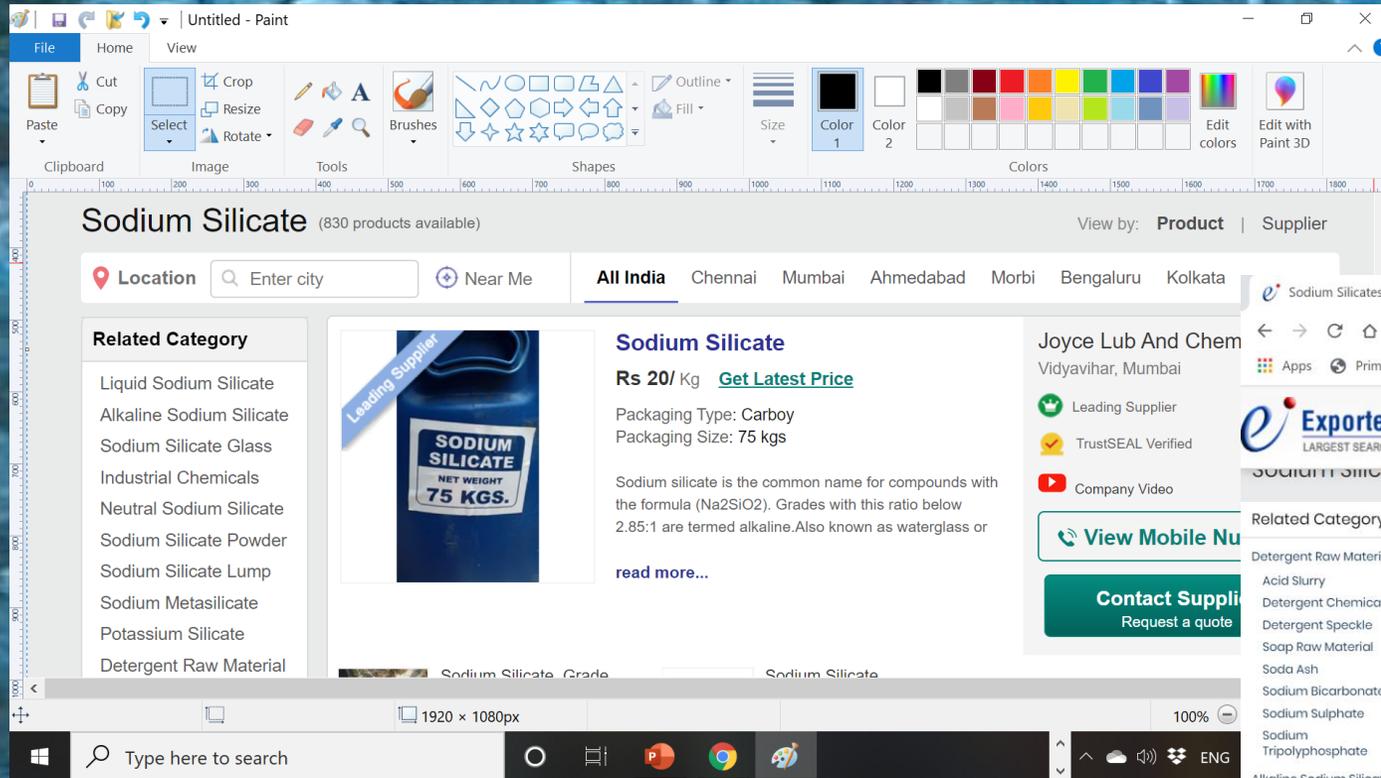
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Sodium Silicate (830 products available) View by: Product | Supplier

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Related Category

- Liquid Sodium Silicate
- Alkaline Sodium Silicate
- Sodium Silicate Glass
- Industrial Chemicals
- Neutral Sodium Silicate
- Sodium Silicate Powder
- Sodium Silicate Lump
- Sodium Metasilicate
- Potassium Silicate
- Detergent Raw Material

**Sodium Silicate**

Rs 20/ Kg [Get Latest Price](#)

Packaging Type: Carboy  
Packaging Size: 75 kgs

Sodium silicate is the common name for compounds with the formula (Na<sub>2</sub>SiO<sub>2</sub>). Grades with this ratio below 2.85:1 are termed alkaline. Also known as waterglass or

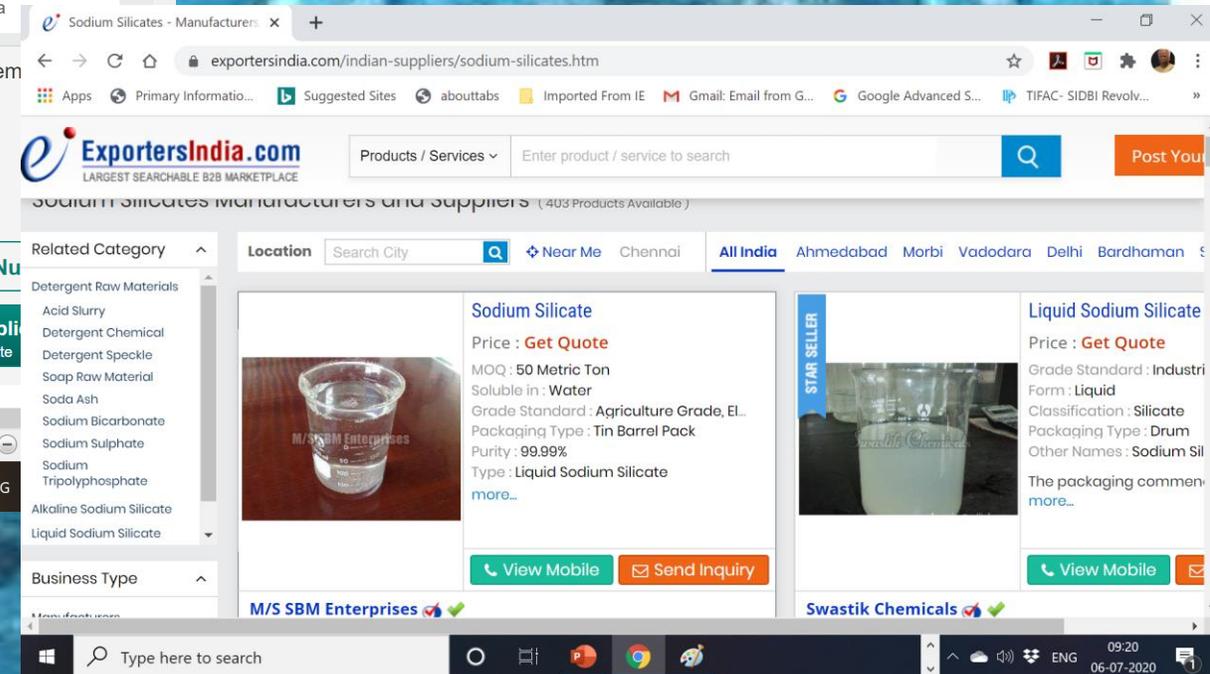
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Sodium Silicates manufacturers and suppliers (403 Products Available)

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Related Category

- Detergent Raw Materials
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- Detergent Chemical
- Detergent Speckle
- Soap Raw Material
- Soda Ash
- Sodium Bicarbonate
- Sodium Sulphate
- Sodium Tripolyphosphate
- Alkaline Sodium Silicate
- Liquid Sodium Silicate

**Sodium Silicate**

Price : [Get Quote](#)

MOQ : 50 Metric Ton  
Soluble in : Water  
Grade Standard : Agriculture Grade, EL...  
Packaging Type : Tin Barrel Pack  
Purity : 99.99%  
Type : Liquid Sodium Silicate  
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M/S SBM Enterprises

**Liquid Sodium Silicate**

Price : [Get Quote](#)

Grade Standard : Industri...  
Form : Liquid  
Classification : Silicate  
Packaging Type : Drum  
Other Names : Sodium Sil...  
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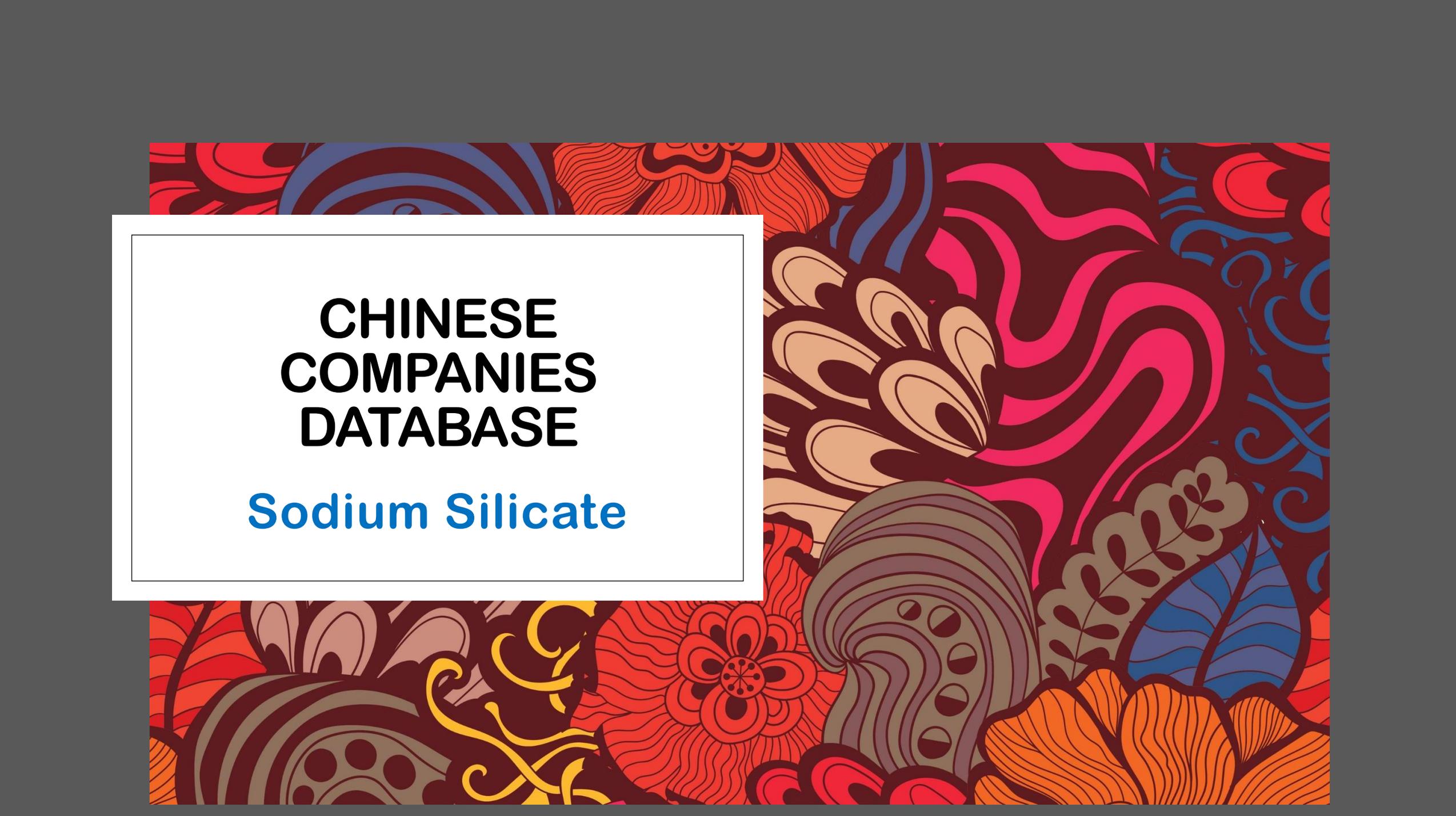
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## How to Find the Best Sodium Silicate Manufacturer in India?



<https://www.blogontop.com/how-to-find-the-best-sodium-silicate-manufacturer-in-india/>



# CHINESE COMPANIES DATABASE

Sodium Silicate



# CIECH Group

**Company in Poland  
Major Player**

# GRACE

Talent | Technology | Trust™

Built on **talent, technology, and trust**, Grace is a **leading global supplier of specialty chemicals**.

Our two industry-leading business segments—Catalysts Technologies and Materials Technologies—provide innovative products, technologies, and services that enhance the products and processes of our customers around the world.

**Sodium silicates are used in industry as adhesives, detergents, ingredients in cleaning compounds, cements, binders, and unique coatings, as well as coagulant aids, anticorrosives, catalyst bases, deflocculants, chemicals, zeolites, etc.**

**The different properties and functional characteristics of soluble silicates can be used to efficiently and economically solve many problems arising in industrial and chemical processes.**



# Precipitated Silica

**Derivative of Sodium Silicate**

**Production of One ton of Precipitated Silica  
requires approximately one ton of Sodium  
Silicate**





**Silica GEL is derivative of Sodium Silicate**

# ZEOLITE



**Zeolite is a  
derivative of  
Sodium silicate**



# Sodium Silicate usage as Commodity

**Paper Industry, Foundry, Minerals,  
Steel Industry  
Oil & Gas, Thermal Power plants,  
Coal mines, Ceramic Industry,  
Electrical Generation & Transmission**





## More in Sodium

- ▶ Sodium Acetate
- ▶ Sodium Aluminate
- ▶ Sodium Antimonate
- ▶ Sodium Arsenate
- ▶ Sodium Arsenite

[Importers](#) > [Chemicals](#) > [Sodium](#) > **Sodium Silicate Importers**

## Sodium Silicate Importers

Directory of Sodium Silicate Importers provides list of sodium silicate buyers, purchasers and buying agents looking to source sodium silicate from global suppliers.



**Trade Leads**

### Detailed Export Data of sodium silicate

## Import Export Database

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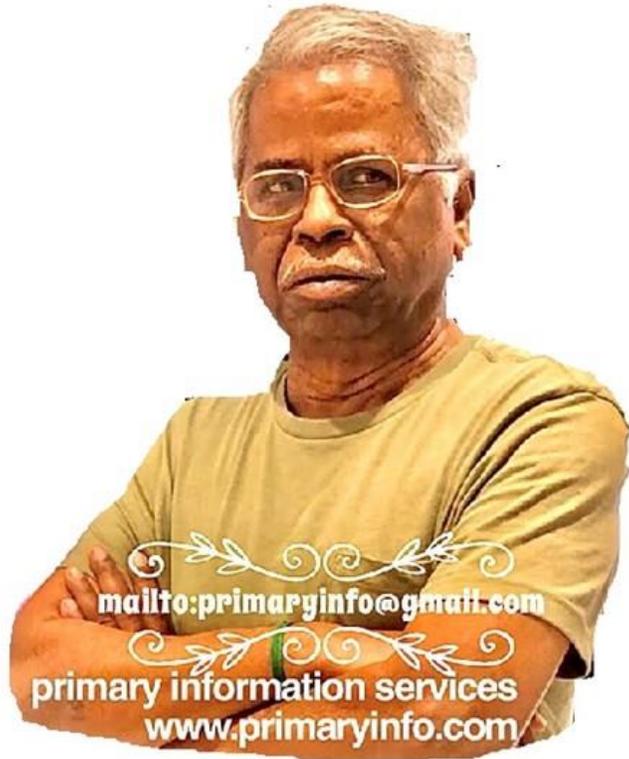
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