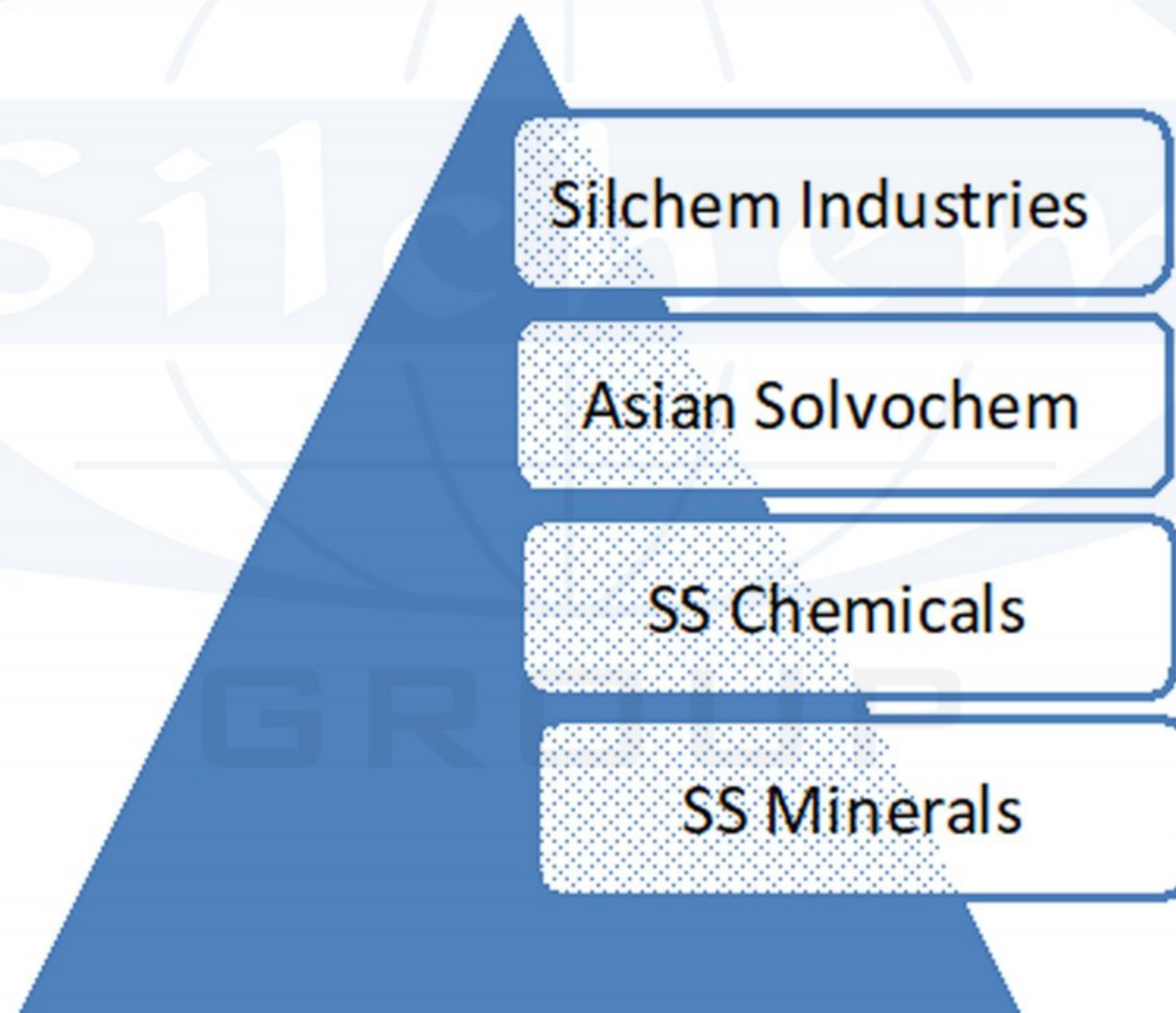


Company profile

‘Silchem Industries’ was established in the year of 2010 at MORBI (Gujarat, India), a “Partnership Firm”, are well-known name engaged in manufacturing and supplying wide range of Sodium Silicate (Alkaline Glass & Liquid and Neutral Glass& Liquid and Sodium Silicate Powder).

‘Silchem Industries’ is rapidly growing under experience leadership of ‘Mr. Amit Kaneriya and Mr. Kaushik Kaneriya.

Silchem Group of Companies



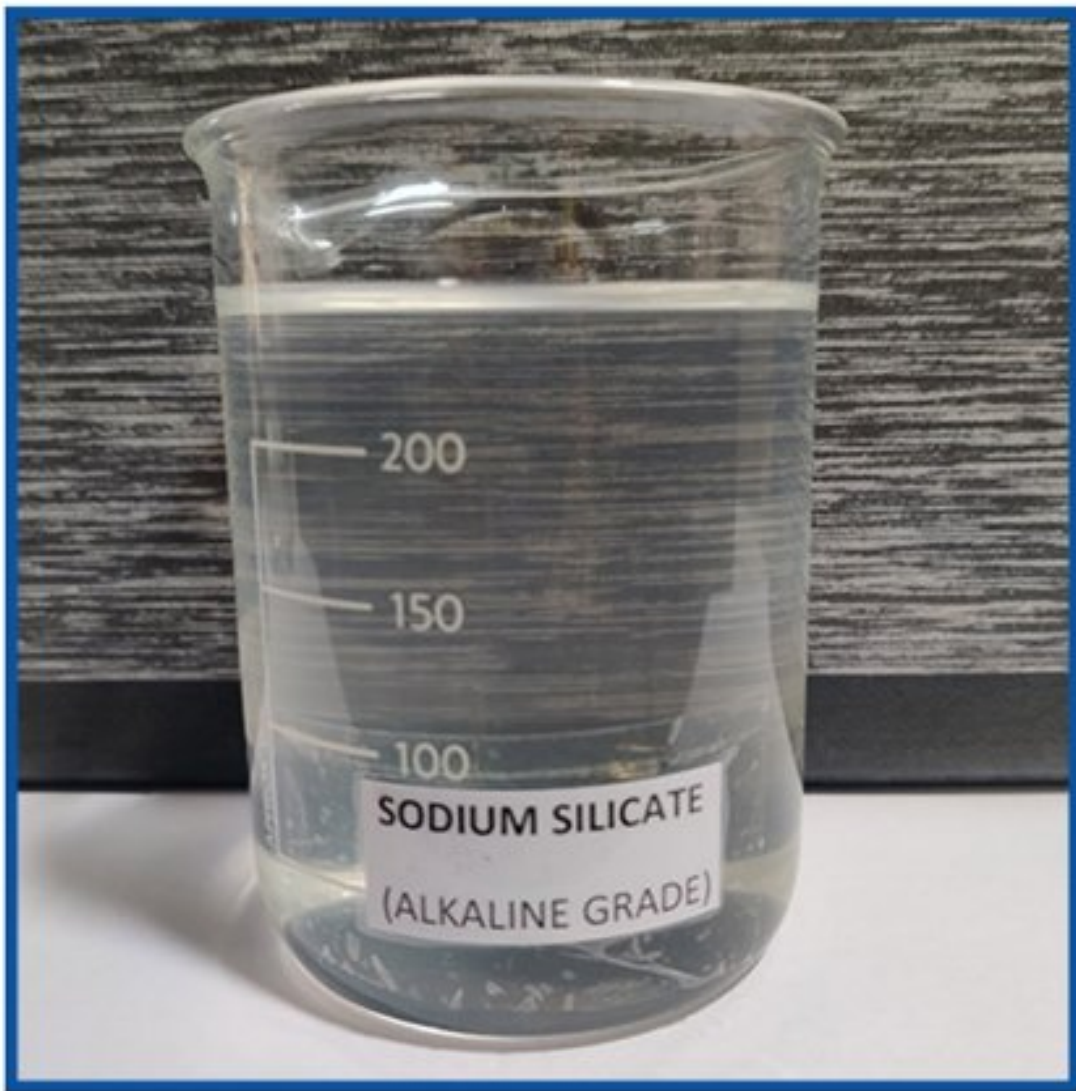
Vision: “Quality + Customer Satisfaction” = Our Business

- Contact us. Email - silchem.ind@gmail.com
- Website - www.silchemindustries.in

OUR PRODUCTS



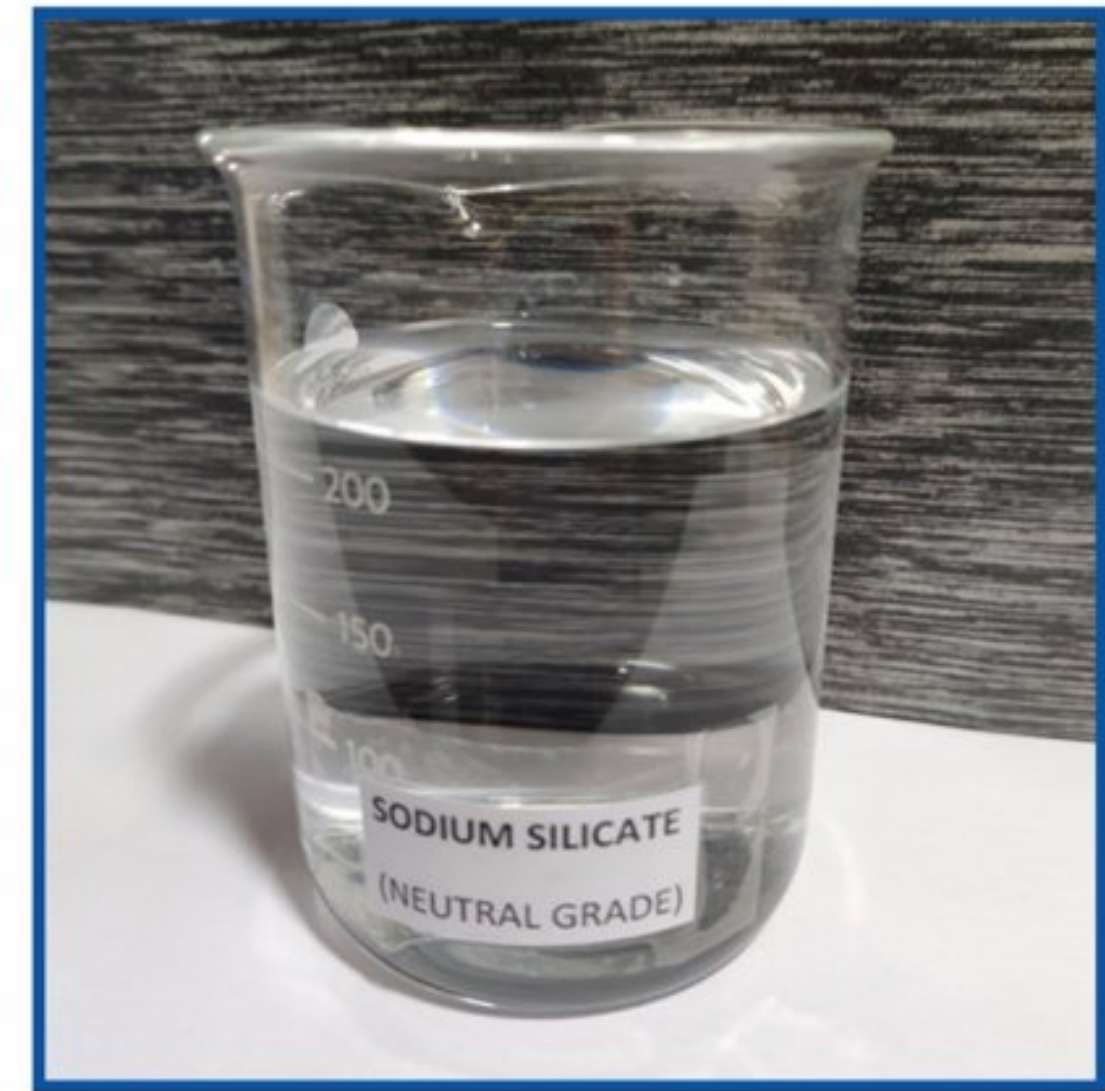
Alkaline Liquid



SILCHEM GROUP

+91 98248 48345 +91 94292 46730 silchem.ind@gmail.com
Survey No. 102/1, B/h Wintop Vitrified, At-Old Jamdudiya, Silchem Coal LLP, Morbi-363642.

Neutral Liquid



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SODIUM SILICATE LIQUID		
Chemical Compound	Alkaline Grade	
Type	52 Degree	56 Degree
Na ₂ O	14.52% +/- 0.5%	15.80% +/- 0.5%
SiO ₂	32.00% +/- 0.5%	34.80% +/- 0.5%
Total Solid	46.52% +/- 1.0%	50.60% +/- 1.0%
Ratio	1:2.20(Wt Ratio) +/- 0.1	1:2.20(Wt Ratio) +/- 0.1
Baume (Degree)	52 +/- 1.0	56 +/- 1.0
Sp. Gravity	1.560 +/- 0.02	1.630 +/- 0.02



SODIUM SILICATE LIQUID			
Chemical Compound	Neutral Grade		
Type	30 Degree	32 Degree	40 Degree
Na ₂ O	6.30% +/- 0.5%	6.76% +/- 0.5%	8.60% +/- 0.5%
SiO ₂	20.80% +/- 1.0%	22.35% +/- 1.0%	28.40% +/- 1.0%
Total Solid	27.10% +/- 1.0%	29.11% +/- 1.0%	37.0% +/- 1.0%
Ratio	1:3.30(Wt Ratio) +/- 0.1	1:3.30(Wt Ratio) +/- 0.05	1:3.30(Wt Ratio) +/- 0.1
Baume (Degree)	30 +/- 0.5	32 +/- 1.0	40 +/- 1.0
Sp. Gravity	1.260 +/- 0.02	1.285 +/- 0.02	1.380 +/- 0.02

Alkaline Glass



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Neutral Glass



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SODIUM SILICATE LUMPS (GLASS)

Chemical Compound	Alkaline Grade
Appearance	Transpharence low melting glass
PH (5% Aqus soln)	11 to 12 PH.
Na2O Content	31.22% +/- 0.25%
Sio2 Content	68.77% +/-0.25%
Total Solid	99.99% +/- 0.1%
Ratio	1:2.20 (Wt Ratio) +/- 0.1%
Iron Content	250% +/- 100 ppm
Unmelted Sand	1% +/- 0.2%



SODIUM SILICATE LUMPS (GLASS)

Chemical Compound	Neutral Grade
Appearance	Transpharence low melting glass
PH (5% Aqus soln)	11 to 12 PH.
Na2O Content	23.24 % +/- 0.50%
Sio2 Content	76.75% +/- 0.50%
Total Solid	99.99% +/- 0.1%
Ratio	1:3.30 (Wt Ratio) +/- 0.1%
Iron Content	200 ppm max
Unmelted Sand	1% +/- 0.2%

Alkaline Powder



India's Best Sodium Silicate Powder Supplier


We aim to provide good Sodium silicate powder to customers.




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Neutral Powder





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SODIUM SILICATE ALKALINE POWDER	
Perameters	Result
Na2O	28.50%
Sio2	62.70%
Ratio	2.2
Total Solid Content	91.20%
Moisture Content	8.80%
Mean Particle Size	100% Passing 80 mesh
Color	White powder



SODIUM SILICATE NEUTRAL POWDER	
Perameters	Result
Na2O	22.00%
Sio2	68.00%
Ratio	3.20
Total Solid Content	90%
Moisture Content	10.00%
Mean Particle Size	100% Passing 80 mesh
Color	White powder

DESCRIPTIONS

Owing to our immense domain experience and highly skilled team of professionals, we are meeting the exact and accurate demands of clients.

Owing to the following factors, we have become the first and foremost choice of our valuable clients:

- Rich Vendor Base
- Timely delivery
- Transparent trade dealing
- Complete client satisfaction
- Ethical business policy
- Experienced Professionals
- Client centric approach

PRODUCT PROFILE

- **Sodium Silicate (Alkaline Liquid & Glass)**
- **Sodium Silicate (Neutral Liquid & Glass)**
- **Sodium Silicate Powder**

1. Sodium Silicate (Alkaline Liquid & Glass)

Sodium silicate products are manufactured as solids or thick liquids, depending on proposed use. Sodium silicate is a versatile, inorganic chemical made by combining various ratios of silica and soda ash. The pure compositions are colorless or white, but commercial samples are often greenish or blue owing to the presence of iron-containing impurities. In industry, the various grades of sodium silicate are characterized by their $\text{SiO}_2:\text{Na}_2\text{O}$ weight ratio.

Uses of Sodium Silicate (Alkaline Liquid & Glass) are Detergents / Cleaning compounds, Adhesives/Binders, Construction/Cements, Films and Coatings /Paper, Water Treatment/ Petroleum, Casting/ Metal Industry, Ceramic Industries, Textiles, Sodium meta silicate.

2. Sodium Silicate (Neutral Liquid & Glass)

Neutral is the generic name for a series of compounds derived from soluble sodium silicate glasses. They are water solutions of sodium oxide (Na_2O) and silicon dioxide (SiO_2) combined in various ratios. Varying the proportions of SiO_2 to Na_2O and the solids content results in solutions with differing properties that have many diversified industrial applications. Sodium silicate neutral glass is made by fusing high purity silica sand and soda ash in open hearth furnaces at 1300°C / 2400°F . The molten glass is cooled, fractured and charged into vessels where it is dissolved under pressure by hot water and steam. The various grades of liquid sodium silicate are produced by varying the alkali/ silica ratio and the solids content.

Uses of Sodium Silicate (Neutral Liquid & Glass) are Precipitated Silica, Silica Gel, Colloidal Silica, Water Proofing, Paper Industries.

3. Sodium Silicate Powder

Sodium Silicate Powder has a range of chemical formula varying in Sodium oxide (Na_2O) and Silicon dioxide or Silica (SiO_2) contents or ratios. It is soluble in water and it is prepared by reacting Silica Sand and Sodium Carbonate at a high temperature ranging from 1200 to 1400°C .

WHY CHOOSE US



WE LISTEN,
WE DISCUSS,
WE ADVISE

BEST QUALITY
AND
POWERFUL R&D

STRONG
INFRASTRUCTURE

RICH VENDOR
BASE

CLIENT CENTRIC
APPROACH

TRANSPARANT
TRADE DEALING

WHY
CHOOSE
US?

COMPLETE
CLIENT
SATISFACTION

EXPERIENCE
PROFESSIONAL

TIMELY
DELIVERY

REASONABLE
PRICE

SUPPORT
OF
DEDICATED TEAM

LARGE
PROCTION
CAPACITY

APPLICATIONS

USES:

- Detergent
- Adhesives
- Binders
- Constructions
- Cement
- Films and Coating
- Water Treatment
- Petroleum
- Casting
- Metal Industries
- Ceramics
- Textiles
- Sodium Meta Silicate
- Precipitated Silica
- Silica Gel
- Colloidal Silica
- Water Proofing
- Paper Industries
- Cleaning Compounds
- Cosmetics

VARMORA
TILES • BATHWARE

Varmora
Ceramic

italica
INNOVATING TRENDS

ITALICA
GRANITO PVT. LTD

HAWK
GRANITO

Hawak
Granito LLP

Kajaria

Kajaria
ceramics

JOHNSON
Not just tiles, Lifestyles.

johnson
ceramic



**SUDARSHAN
GROUP**

Sudarshan
Group

Simpolo
ceramics

Simpolo
Ceramic

DURACON
Multi Charged Tiles

Duracon
Vitrified

ITC
ITC Limited

Itc
Limited

**THE MILLENNIUM
GROUP**
Service Matters

Millennium
Group

AGL
Tiles • Marble • Quartz • Bathware

Asian Granito
India Ltd

QUTONE
INNOVATIONS & MORE

Qutone
Ceramics

SOMANY
Tiles | Bathware

Somany
Ceramics

SANFORD
MARKETING GROUP

Sanford
Marketing Group

MOTTO
FUTURE SURFACES
DIGITAL WALL TILES
300 X 600 MM

Motto Ceramic
Private Limited

suncore
TILES

Suncore Tiles
Pvt Ltd

Bell
SANITARY WARES
— the sound of quality —

Bell
Sanitary Wares

sunpark
granito

Sunpark
Granito

SUNFLORA
Italian design Indian essence

Sunflora
Vitrified

savino
GRANITO

Savino
Granito

Metro
Ceramics

Metro
Ceramics

Our Valuable Customers



Nice
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LGF Vittrified
Pvt. Ltd.



Kera
Vitrified



Letic Vitrified
Pvt. Ltd.



Fuletra
Steel LLP



Grafite
Ceramics



Famous
Ceramic



Famous
Vitrified



Box Factory
Pvt. Ltd.



Wintop
Vitrified



Tekza
Ceramic LLP



Tata
Ceramic



Swizzer
Vitrified Tiles



Suzora
Tiles LLP



Soncera
Bathware



Socca
Sanitaryware LLP



Sparron
Vitrified LLP



Siyaram Vitrified
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Simonza
Tiles LLP



Silon
Granito LLP



Sento
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Simora
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Perth
Ceramic Pvt Ltd



Orbit
Ceratile Pvt. Ltd.



Mozilla
Granito LLP



Lonix
Ceramica LLP



Soriso
Granito



Ethics
Elegance



Lioli
Ceramica Pvt Ltd



Aercon
India



Italake
Ceramic



Imlis
Ceramica LLP



Elica
Vitrified



Ibiza luxury
surface



Greenzone
Granito Pvt. Ltd.



Freedom
Ceramic Pvt. Ltd.



Enzo Ceramics
Pvt. Ltd.



Emcer Tiles
Pvt. Ltd.



covertek
ceramica pvt. ltd.



Corel
Vitrified



Colortile.
India



Clayrock
Granito LLP



Casa
Gres



Capson
World Bath rider



Bronze
Granito LLP



Braomo
Granito LLP



Bravat
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Armano
Vitrified LLP



Angel
Floor Tiles



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FOR YOUR VISIT



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