

SUPER SILICA

CONVERTING **RICE HUSK ASH**
TO **GREEN SODIUM SILICATE**

CHATTOGRAM | BANGLADESH 



SUSTAINABLE DEVELOPMENT GOALS

About Us

Founded by Mr. Shajir Ahmed, son of Super Group founder Mr. Salim Ahmed, Super Silica Bangladesh Ltd (SSBL) is the first Agro-Based waste (Rice Husk Ash - RHA) based Green Sodium Silicate manufacturing plant in Chattogram, Bangladesh. RHA, a rich source of Silica, is a by-product of rice mills that generally stockpiles as waste due to lack of usage. We purchase this RHA from rice mills in the rural areas of the country and use them as a major raw-material to produce Green Sodium Silicate. In doing so, SSBL contributes to the development of the rural economy by creating jobs and freeing land for farming that was otherwise occupied by their waste RHA.

Contact

Imrul Mehtab

Global Business Development Director

imrul@supergroupbd.com

+880 1912-999777  @imrul-mehtab

www.supersilicabd.com



At a Glance



Phase 1

Farmer harvests the paddy.



Phase 2

The Paddy ripens.



Phase 3

Farmers sell harvest which goes to ricemill directly or via middleman



Phase 4

Ricemills receive the paddy and puts them into a machine where it is broken resulting in the husk and rice getting extracted.



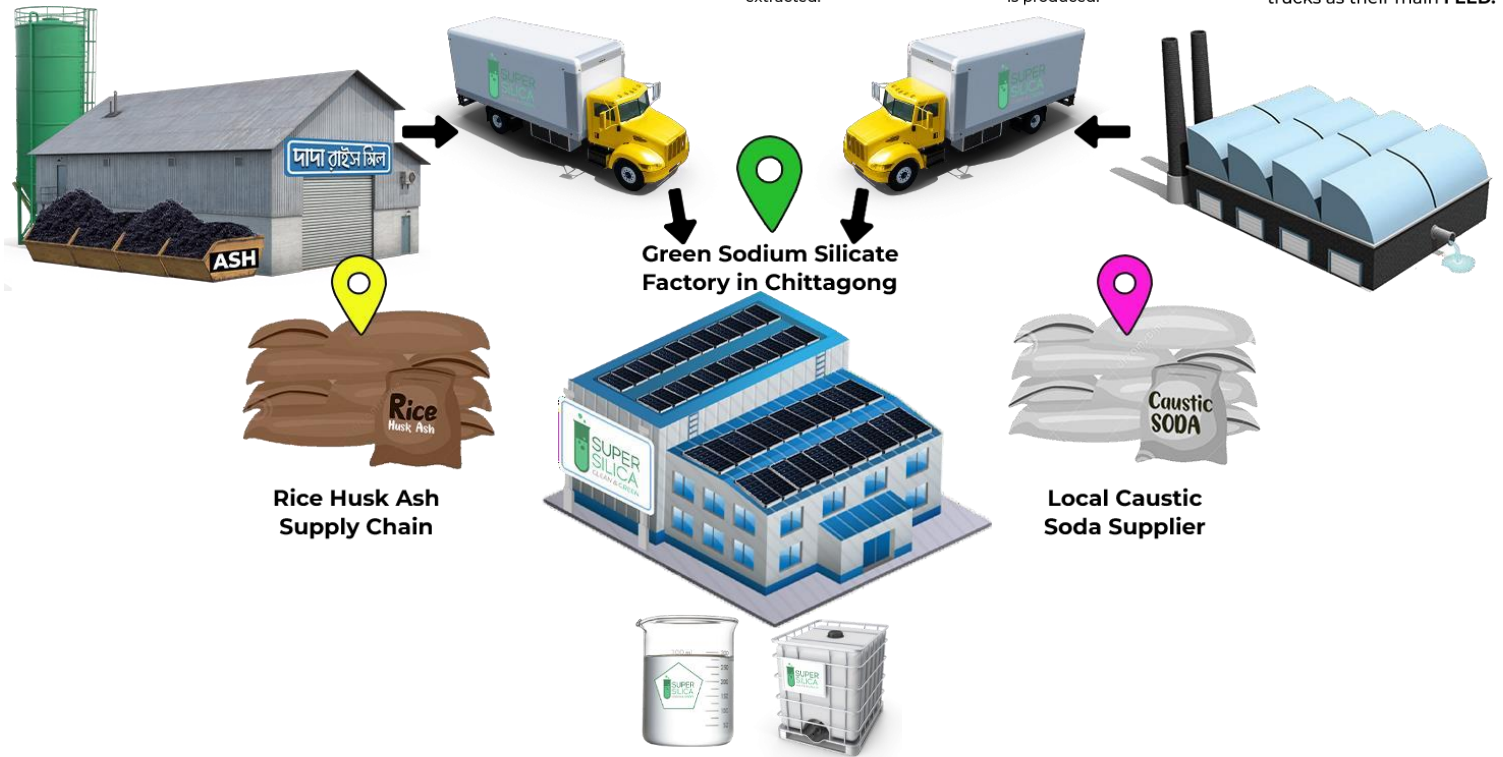
Phase 5

The husk goes as feed in the boiler due to high calorific value, result of which the **Rice Husk Ash** is produced.



Rice Husk Ash

All ricemills dump Rice Husk Ash in landfill. **Now SSBL** hires their labors to bag & load them onto trucks as their main **FEED**.



Applications



CONCRETE INDUSTRY



CLEANING INDUSTRY



CERAMIC INDUSTRY



WELDING & ELECTRODES INDUSTRY



PETROLEUM DRILLING INDUSTRY



PAINT INDUSTRY



PULP & PAPER INDUSTRY



PACKAGING INDUSTRY



TOOTHPASTE INDUSTRY



TEXTILE INDUSTRY

