



**EKASIL**

Rice Husk Sodium Silicate

# Sodium Silicate



**EKASIL Rice Husk Sodium Silicate** is a sustainable and eco-friendly sodium silicate liquid obtained from rice husk during the manufacturing process of rice husk silica. This product is a high-purity sodium silicate liquid that can be used directly in a range of applications or employed as a precursor for creating high-purity amorphous rice husk silica. Produced using specially designed technology, EKASIL rice husk sodium silicate liquid can be customized with different molar ratios and percentages of silicon dioxide to meet the specific needs and demands of customers. The product is a green and efficient utilization of waste with outstanding purity, making it an excellent choice for environmentally conscious individuals and companies.



## Eco friendly

sodium silicate liquid  
obtained from rice husk



## Customizable

physico-chemical properties  
for different applications



## High purity

with very low contents  
of Fe<sub>2</sub>O<sub>3</sub>, Al<sub>2</sub>O<sub>3</sub>, etc.



## PR & Marketing

for adopting environmentally  
friendly products



## Good precursor

for high purity amorphous  
rice husk silicon dioxide



## Wide range

of applications across  
different industries

# Sodium Silicate



## General Characteristic

Indicators	EKASIL Sodium Silicate Liquid from Rice Husk
Appearance	Light yellow to brownish liquid without mechanical impurities and visible inclusions to the naked eye
Mass fraction of silicon dioxide (%)	10 - 30 (customizable)
Mass fraction of iron oxide and aluminum Oxide (%)	Less than 0.2
Mass fraction of calcium oxide (%)	Less than 0.2
Mass fraction of sulfuric anhydride	Not detected
Module/molar ratio (SiO <sub>2</sub> :Na <sub>2</sub> O)	1 - 3.5 (customizable)

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