



Sales Specification

Liquid Sodium Silicate

Sodium Silicate is a water soluble compound derived from sodium oxide (Na_2O) and silica (SiO_2). CQuest offers its sodium silicate in several formulations with properties that meet the needs of many industrial and consumer product applications. By varying the $\text{SiO}_2:\text{Na}_2\text{O}$ ratios and total dissolved solids, CQuest Sodium Silicate products can match the handling needs of virtually any requirement. CQuest Sodium Silicate has a brown hue reflecting the color of natural rice hulls. This faint color can be removed upon request for applications where this interferes with the targeted blend.

CQuest Liquid Sodium Silicates are alkaline with a pH in the 11 – 12 range and are characterized by the properties shown in the table below. The parameters listed are typical values for the principal grades and are not to be considered manufacturing specifications. Physical properties are measured at 20 °C (68 °F)

CQuest Product Name	Wt. Ratio ($\text{SiO}_2:\text{Na}_2\text{O}$) ± 0.05	Wt % Na_2O ± 0.2	Wt % SiO_2 ± 1.0	Viscosity cps	Density (lb/gal)
LCF – 322	3.22	9.1	29.0	200	11.7
LCF – 258	2.58	12.5	32.1	725	12.5
LCF – 200	2.00	14.5	29.5	385	12.6
LCF – 180	1.80	13.3	24.9	150	11.9

For more information on CQuest, contact us at the following:

For Technical Service, please call: (281)681-2018

For Sales or Customer Service, call: (936)441-1770