

KS

No.3

Description

Sodium Silicate

Chemical
composition

$\text{Na}_2\text{O} \cdot n\text{SiO}_2 \cdot x\text{H}_2\text{O}$

CAS No.

1344-09-8

Apppearance

Transparency

Application

Basic source material of silica derivative
- silica Gel, Silica Sol, Zeolite, White Carbon
Casting binder, Soaps&Detergent, Soil consolidation, welding rod coating,
Binder for corrugated paper carton, Surface cleaning additive of textile etc.

Specification

- | | |
|-----------------------------------|-------------|
| 1. Specific Gravity | 1.380 ↑ |
| 2. Molar Ratio | 3.10 - 3.30 |
| 3. SiO ₂ Content (%) | 28.0 - 30.0 |
| 4. Na ₂ O Content (%) | 9.0 – 10.0 |
| 5. Fe ₂ O ₃ | 0.03 ↓ |
| 6. Baume | 39.7 ↑ |

Packing

Tank lorry
Drum (200 liters)

Material Safety
Data Sheet

MSDS is available

