

**G**

**3**

**D**escription

Sodium Silicate

**C**hemical  
composition

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

**C**AS No.

1344-09-8

**A**pppearance

Transparency

**A**pplication

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.

**S**pecification

- |                                   |               |
|-----------------------------------|---------------|
| 1. Specific Gravity               | 1.395 - 1.402 |
| 2. Molar Ratio                    | 3.15 – 3.30   |
| 3. SiO <sub>2</sub> Content (%)   | 28.0 – 30.0   |
| 4. Na <sub>2</sub> O Content (%)  | 9.1 – 9.4     |
| 5. Fe <sub>2</sub> O <sub>3</sub> | 0.03↓         |
| 6. Baume                          | 40.8 – 41.4   |
| 7. Viscosity                      | 80 - 400      |

**P**acking

Tank lorry  
Drum (200 liters)

**M**aterial Safety  
Data Sheet

MSDS is available

