



CoogeeChemicals

Manufacturers & Importers of Mining, Industrial and Agricultural
Chemicals and Tank Terminal Operator
- Privately owned and proudly Western Australian -

Specification Sheet: Sodium Silicate Solutions

Chemical Formula	Varies from 2 SiO ₂ :Na ₂ O to 3.2 SiO ₂ :Na ₂ O			
Description	Clear, colourless to light brown solutions of Sodium Silicate with varying ratios of SiO ₂ to Na ₂ O,			
Common Name	Waterglass			
Usage	<ul style="list-style-type: none">■ Foundry – as a core binder■ Paint/pigment – as a coating extender■ Detergent manufacture■ Chemicals – in the manufacture of catalysts and silica gels			
Typical Properties		Ratio SiO₂/Na₂O	SG at 20°C	Viscosity 20°C
	Alkaline 53	2	1.53	300 cp
	Alkaline 56	2	1.56	680 cp
	Intermediate 54	2.35	1.54	600 cp
	Neutral 40	3.1	1.40	285 cp
	Neutral 42	3.1	1.42	550 cp
Notes	<ul style="list-style-type: none">■ Specific grades are available to meet customer requirements			
Delivery Details	Road Tanker: Tanker size – 22 tonne <i>Discharge Details:</i> Pump mounted on tanker. The lead has a 4 pin male Wilco 15 amp welding plug. Discharge hose length is 6 metres fitted with 75mm female NATO camlock fitting Drums: 200 litre drums			
Safety Information	Please refer to our current MSDS (www.coogee.com.au)			

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