

# SODIUM SILICATE (MCISSS)

## TECHNICAL DATA SHEET

### Product Information

Chemical Name	Sodium Silicate/ Sodium Silicate Alkaline grade
Commodity Name	Sodium silicate (Water glass)
Category	Water soluble silicates
Molecular formula	Na <sub>2</sub> O.mSiO <sub>2</sub>
Molecular wt.	N/a
H.S.Code	28391100
CAS No.	1344-09-8, 106985-35-7

Technical Specification	Detergent grade (M 2.0~2.3)
Appearance	Clear lumps with light blue color
Na <sub>2</sub> O content by wt %	31~ 33
SiO <sub>2</sub> content by wt %	67~ 69
Na <sub>2</sub> O + SiO <sub>2</sub> content by wt %	98 min
Modulus	2.0~ 2.3
Fe <sub>2</sub> O <sub>3</sub> content by wt %	0.05 max
Al <sub>2</sub> O <sub>3</sub> content by wt %	0.5 max

Packing & Loading Information	
Packing	50kg double bags or 1250~1350kg jumbo bags
Loading	27mt/20fcl for 50kg or 25~27mt/20fcl for jumbo bags
Shelf life	2 years under proper storage condition*

*\*Proper storage condition: Keep bags/containers tightly closed, keep away from direct sunlight, moisture, and incompatible chemical materials.*