

Water Softener - MSD

Modified Sodium Disilicate

Product Information

Chemical Name	Modified Sodium Disilicate	
Commodity Name	MSD, MSDS	
Category	Water softener	
Molecular formula	Na ₂ O.2SiO ₂	
Molecular wt.	182	
CAS No.	1344-09-8	

Technical Specification

Appearance	Free flowing white granular
Ca ²⁺ exchange (mgCaCO ₃ /g), 35 °C, 20min	450 mg/g min
Whiteness %	85 min
Bulk density (g/l) - Granular	480~ 600
pH of 1% water sol.	12.5 max
SiO ₂ content by wt %	25 min
Na ₂ O + SiO ₂ content by wt %	50 min
Water insoluble by wt %	1.50 max
Moisture by wt %	5 max

Packing, Loading and shelf life

Packing	25/650kg PP bag with PE liner
Loading - w/o pallet	25kg- 14.5mt/20fcl; 650kg- 26mt/40HQ
Loading - on pallets	25kg- 12mt/20fcl; 25kg- 24mt/40HQ; 650kg- 26mt/40HQ
Shelf life	24 Months under proper storage condition*

* **Proper Storage condition:** Keep container tightly closed, keep in cool, dry and ventilated place, avoid strong acid.