

SODIUM CHLORITE



General Information

Chemical Formula	NaClO ₂	
Synonym	Chlorous acid, sodium salt; Textone; Chlorite sodium	
Origin	China	
H.S. Code	2828.90.30	
CAS No.	7758-19-2	
Molecular Weight	90.438 g mol ⁻¹	

Application

Textile Industry	Sodium chlorite is used to generate chlorine dioxide, which is used for bleaching of textiles, pulp and paper. When sodium chlorite is acidified, it yields chlorous acid and chlorite anion. Chlorous acid will then hydrolyze chlorine dioxide, which in turn breaks down chlorite anion to chloride anion. Chloride anion produced serves as the bleaching agent.
Other Applications	Sodium chlorite, together with zinc chloride, is used to manufacture series of mouthwashes, rinses, toothpaste and gels. They are also used in eye drops and contact lens saline solution. When sodium chlorite is converted to chlorine dioxide, it can be used as disinfectant in hospitals and water treatment.

Specification

Property	Units	Value
Appearance	-	White crystalline solid
Purity	%	82.0
Density at 20°C	g/cm ³	2.5
Melting point	°C	180-200
Flash point	°C	Non flammable
Solubility in Water	-	39 g/100 mL (20 °C)

Packaging

- 500 @ 50 kg per drum, 25MT / 20' FCL