



Specification Sheet for Caustic Soda

Product Name: Caustic

Soda Chemical Formula:

NaOH CAS Number:

1310-73-2

HS Code: 2815.12

Forms Available: Flakes, Pearls, Solid, Solution (liquid)

Technical Specification (for Caustic Soda Flakes/Pearls)

Property	Specification
Appearance	White solid (flakes or pearls)
Purity (as NaOH)	$\geq 99\%$
Sodium Carbonate (Na_2CO_3)	$\leq 0.8\%$
Sodium Chloride (NaCl)	$\leq 0.1\%$
Iron (Fe)	$\leq 0.002\%$
Heavy Metals (Pb)	$\leq 0.001\%$
Solubility in Water	Completely soluble
pH (1% solution)	>13
Melting Point	318°C
Boiling Point	1388°C
Packaging	25 kg PP/PE bags, jumbo bags

Applications:

- pH adjustment in water treatment
- Pulp and paper industry
- Textile industry (scouring and dyeing)
- Soap and detergent manufacturing
- Petroleum refining and oil drilling
- Aluminum processing
- Chemical synthesis