



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)	≥ 99%
Sodium Carbonate (Na ₂ CO ₃)	≤ 0.8%
Sodium Chloride (NaCl)	≤ 0.1%
Iron (Fe)	≤ 0.002%
Heavy Metals (Pb)	≤ 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