



# Caustic Soda

(Flakes)

PRODUCT DATA SHEET

**Caustic soda (sodium hydroxide)** is a versatile alkali. Caustic soda is an essential ingredient in an array of industrial applications. Its main uses are in the manufacture of pulp and paper, alumina, soap and detergents, petroleum products, and chemical production. Other applications include water treatment, food, textiles, metal processing, mining, glass making, and others.

Characteristics	Unit	Limits
Appearance (25°C)	-	White Crystalline Flakes
Odor	-	No Odor
Density	g/cm <sup>3</sup>	2.13
Purity (NaOH content)	% Mass	Min. 98.5%
Na <sub>2</sub> CO <sub>3</sub> content	% Mass	Max. 0.5%
NaCl content	% Mass	Max. 0.03%
Iron (as Fe <sub>2</sub> O <sub>3</sub> )	% Mass	Max. 0.005%
pH value (1% solution)	-	14
Water Solubility	-	Soluble
Vapor pressure at 20°C	-	Max. 2.4kPa

*Disclaimer: The specifications provided are for valuation purposes only. The actual specifications may vary and will be confirmed by the manufacturer.*

**Transport and Storage:** Caustic Soda should be transported in clean, closed means of transport, in accordance with applicable law. The load should be evenly distributed in a manner preventing movement of packages and their mutual damage. Caustic Soda is a hygroscopic substance; product should be protected against moisture and/or from getting wet. Package, bags or big bags should be stored on pallets. Pallets should be stored in no more than 2 layers.

**Health & Safety:** Caustic Soda may cause eye injury and skin irritation. May be harmful if swallowed.

As with any chemical, caustic soda requires care in handling. Anyone responsible for the procurement, use or disposal of this product should familiarize himself and those handling it with the appropriate safety and handling precautions. This information is available in the Material Safety Data Sheet

## Shelf Life

Tightly-sealed, stored in a dry and ventilated place, the shelf life is 24 Months.

## Packaging

25 kgs. PP woven bag, Jumbo Bag 1,000 Kgs/1,250 Kgs. (PE Plastic Liner)

## H S Code

2815 1100

## Learn More

[www.nuroil.com](http://www.nuroil.com)

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