

## **Sodium hydroxide solution**

*Raw material for many sectors of industry*

Chemical name: **sodium hydroxide solution 50%,**

**Caustic soda, soda lye.**

Chemical formula: **NaOH**

Molecular weight: 39.997g/mol

**Product specification:**

Physical state at 20°C	colorless viscous liquid
Melting zone °C	8 - 12
Density mass (g/cm <sup>3</sup> ) 20°C	1.480 - 1.525
Solubility in water (% weight)	completely soluble
NaOH (% weight)	48.0 - 50.0
Fe (ppm)	10max
CO <sub>3</sub> (% weight)	0.1max

**Properties:**

Neutralizing agent in petroleum refining; textile processing; pulp and paper;  
**production of water glass, soaps and other detergent raw materials such as sodium phosphate and sodium silicate;**  
vegetable oil refining reagent; food additive; pH control; solvent for colorants;  
processing aid; etching and electroplating; boiler water treatment, coagulation, corrosion/  
scale control, softening; industrial cleaner ingredient.

**Storage:**

Store at temperatures above 25°C and, when kept for relatively long periods, under exclusion of air.

**Safety:**

Causes severe burns.

During the handling of this product the data and reference in the safety data sheet are to be considered.