



CAUSTIC SODA (IS 252:2013)

This standard prescribes the requirements and the methods of sampling and test for **Caustic soda** suitable for use in **Rayon, Cosmetic, Textile, Soap, Paper** and other similar industries. It covers the material in the **solid** and **lye** form.

Caustic Soda shall be supplied in the form of lye or solid (including **flakes, blocks, sticks and pellets**). The material shall be free from **foreign matter, dirt or other visible impurities**.

The Indian Standard **IS 252:2013**, specifies the requirement, methods of sampling and test for Caustic soda, Technical.

Key specifications include a minimum **Sodium hydroxide** (as **NaOH**), percent by mass, on dry basis, 99.50% for both **Lye** and **Solid** form. Total **Mercury** (as Hg), ppm, Max 0.01 and 0.02% for **Lye** and **Solid** form.

Packaging: The solid material shall be packed in polyethylene bags or polyethylene lined gunny bags or steel drums or as agreed to between the purchaser and the supplier. The caustic soda lye shall be supplied in tankers or tank cars with mandatory labelling indicating Name and grade of the material, Source of manufacture, Net mass of the material, Lot or batch number, in code or otherwise etc. The containers shall be marked with the following caution note: **‘CORROSIVE-HANDLE WITH CARE’** and appropriate label to indicate the possible corrosion hazards.

The precaution in handling and storing as given in IS 4264 shall be observed

Ministry of Chemicals and Fertilizers (Department of Chemicals and Petrochemicals) Quality Control Order mandates that Caustic Soda sold, manufactured, or imported in India comply with IS 252.