**caustic soda**

Chemical Compound

Sodium hydroxide, also known as lye or caustic soda, has the molecular formula NaOH and is a highly caustic metallic base and alkali salt. It is a white solid available in pellets, flakes, granules, and as a 50% saturated solution. [Wikipedia](http://en.wikipedia.org/wiki/Sodium_hydroxide)

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| [**Formula**](https://www.google.co.in/search?biw=1366&bih=667&q=sodium+hydrate+formula&sa=X&ei=CcbjUbzLAoWCrgfJtYHADw&ved=0CLsBEOgTKAEwEg)**:**NaOH  [**Molar mass**](https://www.google.co.in/search?biw=1366&bih=667&q=sodium+hydrate+molar+mass&sa=X&ei=CcbjUbzLAoWCrgfJtYHADw&ved=0CL4BEOgTKAEwEg)**:**39.997 g/mol  [**Density**](https://www.google.co.in/search?biw=1366&bih=667&q=sodium+hydrate+density&sa=X&ei=CcbjUbzLAoWCrgfJtYHADw&ved=0CMEBEOgTKAEwEg)**:**2.13 g/cm³  [**IUPAC ID**](https://www.google.co.in/search?biw=1366&bih=667&q=sodium+hydrate+iupac+id&sa=X&ei=CcbjUbzLAoWCrgfJtYHADw&ved=0CMQBEOgTKAEwEg)**:**Sodium hydroxide  [**Melting point**](https://www.google.co.in/search?biw=1366&bih=667&q=sodium+hydrate+melting+point&sa=X&ei=CcbjUbzLAoWCrgfJtYHADw&ved=0CMcBEOgTKAEwEg)**:**318 °C  [**Soluble in**](https://www.google.co.in/search?biw=1366&bih=667&q=sodium+hydrate+soluble+in&sa=X&ei=CcbjUbzLAoWCrgfJtYHADw&ved=0CMoBEOgTKAEwEg)**:**[Water](https://www.google.co.in/search?biw=1366&bih=667&q=properties+of+water&stick=H4sIAAAAAAAAAGOovnz8BQMDAw8HsxKHfq6-gYWxRZrlp_wgzUgrw3szLUOkzrQ072heKwQA_l6gJCkAAAA&sa=X&ei=CcbjUbzLAoWCrgfJtYHADw&ved=0CMsBEJsTKAIwEg), [Methanol](https://www.google.co.in/search?biw=1366&bih=667&q=methyl+hydrate&stick=H4sIAAAAAAAAAGOovnz8BQMDAw8HsxKHfq6-gUlVQZKlJO8lSZ_7WXcrDrqdSTgZv9BDagsA-QT9CykAAAA&sa=X&ei=CcbjUbzLAoWCrgfJtYHADw&ved=0CMwBEJsTKAMwEg), [Ethanol](https://www.google.co.in/search?biw=1366&bih=667&q=ethanol&stick=H4sIAAAAAAAAAGOovnz8BQMDAw8HsxKHfq6-gVFhWdVnfg3-OpMCm8slrh8iF73zuFnlXw8AkujPMCkAAAA&sa=X&ei=CcbjUbzLAoWCrgfJtYHADw&ved=0CM0BEJsTKAQwEg) |

