



## Sodium carbonate

Sodium carbonate is a white, odorless powder that is commonly used in the manufacture of detergents, soaps, and paper. It is also used in the manufacture of water glass (sodium silicate), borax, sodium phosphate, and many other sodium compounds





| chemical formula | Na <sub>2</sub> CO <sub>3</sub>        |
|------------------|--|
| melting point    | 851 °C                                 |
| boiling point    | 1,600 °C                               |
| density          | 0.765 - 0.780 - 0.795 g/mL<br>at 25 °C |
| Appearance       | Colorless, transparent liquid          |
| Molar mass       | White solid, hygroscopic               |

## **SOME OF THE MAIN USES:**

- As a cleansing agent for domestic purposes like washing clothes
- In fat and oil processing
- In the production of glass
- In the production of sodium bicarbonate
- In the production of caustic soda
- In the production of sodium chromate and dichromate
- In the manufacture of sodium salts
- In the manufacture of sodium salts
- In the manufacture of photographic chemicals
- As a food additive

