

SODIUM CARBONATE

IUPAC NAME : Sodium carbonate

Formula: Na_2CO_3

Melting point: $851\text{ }^\circ\text{C}$

Density: 2.54 g/cm^3

PRODUCT DETAILS : Sodium carbonate, Na_2CO_3 , (also known as washing soda, soda ash and soda crystals) is the inorganic compound with the formula Na_2CO_3 and its various hydrates. All forms are white, water-soluble salts that yield moderately alkaline solutions in water. Historically it was extracted from the ashes of plants growing in sodium-rich soils. Because the ashes of these sodium-rich plants were noticeably different from ashes of wood (once used to produce potash), sodium carbonate became known as "soda ash.