

SODA ASH



CAS Number: 497-19-8

Other Names: Sodium carbonate, washing soda, soda crystals

Formula: Na_2CO_3

PRODUCT INTRODUCTION

Sodium carbonate is an inorganic compound with the formula Na_2CO_3 . It appears as white and water-soluble salts. It has strong alkaline taste and gives moderately alkaline solutions in water.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White Crystalline Product, Free from Dirt and other Foreign Matter
Total Alkalinity	98.50%
Chloride (as NaCl)	0.50 %
Iron (as Fe_2O_3)	30 ppm
Bulk Density	951 g/L
Particle Size Distribution	-
+ 1.700 mm	1.00 %
- 0.075 mm	15.00 %

APPLICATIONS

- Soda ash is most commonly used in manufacture of glass, where it reduces the melting temperature of the sand used in glass formation and helps in the 'workability' or shaping of glass articles such as tableware and float glass,
- It is also used in making soaps and detergents, where it is employed as a builder, or filler, to give a smoother surface,
- Production of chemicals such as sodium silicate, sodium bicarbonate and percarbonate, and sodium chromate and dichromate also utilizes soda ash,
- Pulp and paper manufacture, water treatment, effluent treatment, metallurgy and drugs are some other uses.

PACKAGING OPTIONS

Bags

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