



## Technical Datasheet

# SODA ASH Dense

### Description

SODA ASH D (Soda Ash Dense) or sodium carbonate with chemical formula of  $\text{Na}_2\text{CO}_3$  is a white alkaline material which is used in water-based fluid systems in order to participate unwanted carbonate ions. SODA ASH D also increase pH of water-based fluids such as Polymeric or Bentonite muds. SODA ASH D is a non-toxic, non-flammable chemical, and is produced as an odorless powder form. In general, light and dense types of SODA ASH D are not chemically different from each other, and the only difference is in their densities and particle size. SODA ASH D with high-quality is available for variety of applications.

### Application

- SODA ASH D is used for glass production applications
- Applicable in water treatment
- Widely used in chemical industry

### Advantages

- Non-toxic
- Non-flammable
- Effective agent to precipitate Calcium ions
- Cost-effective

### Limitations

- SODA ASH D may cause eye injury and akin irritation, and also is harmful if swallowed.

### Typical Properties

APPEARANCE	White powder
SPECIFIC GRAVITY	2.53-2.54
CHEMICAL FORMULA	$\text{Na}_2\text{CO}_3$
SOLUBILITY IN WATER @ 35.4 C degrees	Max 33.2 g/100 ml water
pH (1 % water solution)	11.4 or more

### Packaging

SODA ASH D is available in 25 kg/50 Kg SXS.