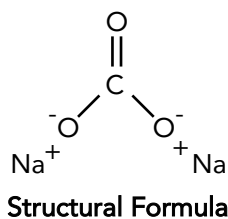


## Product Overview

Dense Soda Ash, scientifically known as Sodium Carbonate, is a high-quality, versatile chemical widely used across various industries. Distinguished by its higher density compared to standard soda ash, it offers unique advantages in specific applications where high bulk density is beneficial. Light Soda ash produced by the Solvay's process is subsequently mechanically compacted, sieved and classified to product uniform particled sized Dense Soda Ash. It is also produced by monohydrate process.



**CAS Number** : 497-19-8

**Chemical Formula** :  $\text{Na}_2\text{CO}_3$

**Common Names** : Sodium Carbonate, Calcined Soda, Disodium carbonate

## Key Features

- **High Purity:** Ensures superior performance in applications.
- **Consistent Quality:** Maintained through stringent quality control processes.
- **Eco-friendly Production:** Committed to sustainable manufacturing practices.
- **Versatile Applications:** Suitable for a wide range of industrial uses.

## Applications

Specially finds use in glass manufacturing like :

- Sheet glass
- Float glass
- Configured glass
- Container glass
- Light bulbs and tube
- Glass fiber

## Technical Specifications

Characteristics	Units	TCL Assured Specs
Molecular Weight		106
Bulk Density	Kg/m <sup>3</sup>	1000-1200
Volatile matter content (at the time of packaging)	%, max	0.80
Total Alkanility (as $\text{Na}_2\text{CO}_3$ )	%, min	99.0
Sulphates (as $\text{Na}_2\text{SO}_4$ )	%, max	0.03
Chlorides (as $\text{NaCl}$ )	% max	0.80
Iron (as $\text{Fe}_2\text{O}_3$ )	%, max	0.0029
Matter insoluble in water	%, max	0.03

## Packaging

Available in 50 Kg HDPE/PP bags and 750 Kg HDPE/PP Jumbo bags

## Compliance

- ISO 9001 : 2015
- ISO 14001 : 2015
- ISO 45001 : 2018
- ISO 23201 : 2019
- IS 251 : 2024

## Safety & handling

- **Personal Protective Equipment (PPE):** Recommended when handling.
- **Storage:** Store in a cool, dry place, away from moisture.
- **First Aid:** In case of contact with skin or eyes, rinse immediately with plenty of water.

Before using, read Safety Data Sheet (SDS) for this chemical.

DISCLAIMER-The information contained herein is, to the best of our knowledge, correct. The data outlined and the statements are intended only as a source of information. No warranties, expressed or implied, are made. It is suggested that you evaluate the product on a laboratory scale prior to use in a finished product. The document is confidential in nature and should not be reproduced, in part or in whole, without express approval. Parameter can be changed without prior intimation, please reach out to receive the latest datasheet.