

# PRODUCT SPECIFICATION

**Chemical formula:** Na<sub>2</sub>CO<sub>3</sub>

**Chemical name:** Sodium Carbonate

**Trade name:** Soda Ash Dense, Disodium Carbonate, Calcined Soda

**EC:** 207-838-8 / **CAS:** 497-19-8 / **REACH:** 01-2119485498-19-0013

Our specifications defined above are valid for the products kept in suitable conditions. For further information, like handling and safety details, please check the Material Safety Data Sheet.

| Quality parameters                   | Expressed as                    | Unit               | Guaranteed values |
|--------------------------------------|---------------------------------|--------------------|-------------------|
| Sodium Carbonate                     | Na <sub>2</sub> CO <sub>3</sub> | %                  | ≥ 99,6 *          |
| Chlorides                            | NaCl                            | %                  | ≤ 0,25            |
| Iron                                 | Fe <sub>2</sub> O <sub>3</sub>  | %                  | ≤ 0,004           |
| Sulfates                             | Na <sub>2</sub> SO <sub>4</sub> | %                  | ≤ 0,02            |
| Loss on drying                       | H <sub>2</sub> O                | %                  | ≤ 0,5             |
| Insoluble matter in H <sub>2</sub> O | -                               | %                  | ≤ 0,02            |
| Bulk density                         | -                               | kg/dm <sup>3</sup> | 0,95 – 1,05       |
| Sieve analysis:                      |                                 |                    |                   |
| > 1,6 mm                             | -                               | %                  | ≤ 1               |
| > 1,0 mm                             | -                               | %                  | ≤ 17              |
| < 0,1 mm                             | -                               | %                  | ≤ 5               |

\* on the anhydrous mass

## DESCRIPTION

Soda Ash is small, white or light cream granules. It is used as one of basic raw materials in glass, detergent, textile, chemical, paper industries and in production of other sodium compounds.

## TRANSPORT AND STORAGE

Soda Ash should be transported in clean, closed means of transport, in accordance with applicable law. The load should be evenly distributed in a manner preventing movement of packages and their mutual damage. Soda is a hygroscopic substance; product should be protected against moisture and/or from getting wet. Package, bags or big bags should be stored on pallets. Pallets should be stored in no more than 2 layers. During storage and transport, Soda Ash may create soft, easily disintegrating lumps.

## EXPIRY DATE

Guaranteed shelf life of Soda Ash dense is 1 year from the production date. After the expiry date, the product should be controlled again. If the parameters comply with the requirements, the product can be used further.

## PACKAGING

- bags 25 kg on pallets,
- big bags on pallets,
- bulk.

**Our Soda Ash is produced in a dedicated production facility.  
Additional information can be provided by Sales Department.**

Edition number: 10/2019, Specification number SP/ZLJ/02 Valid from: 01.11.2019