

PRODUCT SPECIFICATION

Chemical formula: Na₂CO₃

Chemical name: Sodium Carbonate

Trade name: Soda Ash – feed grade, Sodium Carbonate

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 ₂ CO ₃	%	≥ 99,6 *
Chlorides	NaCl	%	≤ 0,2
Sodium	Na	%	≥ 43 **
Lead	Pb	mg/kg	≤ 10
Arsenic	As	mg/kg	≤ 2
Cadmium	Cd	mg/kg	≤ 2
Mercury	Hg	mg/kg	≤ 0,1
Fluorine	F	mg/kg	≤ 150
Loss on drying	H ₂ O	%	≤ 2
Ash insoluble in HCl	-	%	≤ 10
Density			
Sodium carbonate light			0,55 - 0,70
Sodium carbonate dense compacted	-	kg/dm ³	≥ 0,85
Sodium carbonate dense, monohydrate method			0,95 – 1,20
Sieve mesh size	Sodium carbonate light	Sodium carbonate dense compacted	Sodium carbonate dense
> 2,5 mm	≤ 4%	-	-
> 2,0 mm	-	≤ 2%	≤ 0,5%
> 1,6 mm	-	≤ 5%	≤ 1%
< 0,4 mm	≥ 85%	-	-
< 0,1 mm	-	≤ 10%	≤ 5%

* on the anhydrous mass

** calculated from Na₂CO₃

DESCRIPTION

Soda Ash is white powder or fine crystals, without foreign impurities. It is used as feed material.

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 light 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

- paper and polypropylene bags 25 kg and polypropylene 30 kg on pallets (depending on the assortment),
- big bags on pallets,
- bulk.

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

Edition number: 20/2018, Specification number SP/ZLM/01 Valid from: 07.01.2019