

Description:

A substance which is white, granule, hygroscopic and soluble in water. Its solution in water is clear and colorless. Main component is Sodium Carbonate.

Chemical formula	Na ₂ CO ₃
Chemical name	Sodium carbonate-Anhydrous
Trade name	Soda ash dense
Molecular weight	106 g/mole
EINECS no	207-838-8
CAS no	497-19-8
REACH registration number	01-2119485498-19-0007

Chemical Specifications:

	Unit	Norm
Sodium carbonate (Na ₂ CO ₃)	%	99.20 min.
Sodium chloride (NaCl)	%	0.25 max.
Iron (Fe ³⁺)	ppm	15 max.
Sulphate (SO ₄ ²⁻)	%	0.02 max.
Insoluble matter in water	%	0.02 max.
Copper (Cu)	ppm	1 max.
Arsenic (As)	ppm	1 max.
Lead (Pb)	ppm	2 max.
Mercury (Hg)	ppm	0.1 max.
Loss on heating (250°C)	%	0.5 max.

Physical Specifications:

Physical condition: Free-Flowing granules

Density: 1.00-1.15 g/cm³

Sieve analysis	Unit	Norm
> 1.180 mm	%	1 max.
< 0.150 mm	%	10 max.

Applications:

Glass, soap & detergent, silicate, chemical, textile, lithium carbonate, pulp & paper and production of other sodium compounds.

Conformity:

It is controlled according to Sisecam Soda Lukavac Control (analysis) Work instruction (ASTM E359, ISO 6227, ISO 743, ISO 746, ISO 745, ISO 697). Characteristics of our product are valid under controlled conditions. Warnings in Safety Data Sheet should be taken into consideration.

Certification:

ISO 9001, ISO 14001, ISO 45001, ISO 50001, Kosher Certificate.

Packaging:

- 25 kg block bottom, laminated PP bags with or without wooden pallets, covered with stretch hood.
- 1000 kg PP Big Bags with PE inner layer, and 1250 kg and 1350 kg laminated PP Big Bags, all with 4 loops with or without wooden pallets.
- Bulk

Shelf Life & Transport & Storage Conditions:

The product's shelf life is 2 years from the production date when stored in its original packaging under appropriate storage conditions. Soda ash should be transported in closed, clean, dry, and odorless means of transport. Soda ash is a hygroscopic substance; product should be kept in dry, well-ventilated places, protected against moisture and/or from getting wet. During storage and transport, soda ash may create soft, easily disintegrated lumps.

Safety Precautions:

Avoid skin and eye contact. Please refer to Safety Data Sheet before usage about exposure controls and personal protection.

The above information is provided for our customers only (and we accept no liability to any third parties) and reflects our current knowledge and experience of the product. All products are supplied in accordance with our general terms and conditions for sale. We can accept no liability for the effects of any chemical combinations or mixtures of the product which are carried out by our customers or third parties. In using the product our customers are reminded to comply with all relevant legal, administrative and regulatory requirements and procedures relating to its use and the protection of the environment.

