



Technical Information

01.11.2023

Sodium Carbonate Light Food Grade

Chemical formula:	Na ₂ CO ₃
CAS-No.:	497-19-8
EC-No.:	207-838-8
REACH:	01-2119485498-19-XXXX
HS Code:	28362000
Appearance:	White crystalline powder
Solubility:	Dissolves easily in water, practically insoluble in ethanol 96%

Product compliant with current European regulations for food additives and the EN 897 standard (water treatment). Kosher and Halal certificates of the manufacturer available. Product contains neither GMOs nor allergens, and has no TSE/BSE risk.

Characteristic	Unit	Specification
Sodium carbonate (Na ₂ CO ₃)	%	≥ 99.5
Sodium chloride (NaCl)	%	≤ 0.25
Water (H ₂ O)	%	≤ 1
Arsenic (As)	mg/kg	≤ 3
Magnesium (Mg)	mg/kg	≤ 65
Lead (Pb)	mg/kg	≤ 2
Mercury (Hg)	mg/kg	≤ 1
Heavy metals	mg/kg	≤ 10

Chemical parameters as per EN 897	Unit	Specification
Iron (Fe)	mg/kg	≤ 20
Arsenic (As)	mg/kg	≤ 2



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Particle size distribution	Unit	Specification
> 1000 µm	%	≤ 3
> 63 µm	%	≥ 65
Density	kg/m ³	510 – 610

Packaging: 25 kg paper bags, 1,100 kg on one-way pallet;
900 kg pliable container on one-way pallet.

Storage conditions: Pallets should not be stacked;
Storage in cool, dry place, sheltered from the weather;
Hygroscopic product.
Best-before date:
▪ 12 months

Main uses: Food additive E 500(i);
Water treatment;
Compliant with the current version of Food Chemicals Codex.

This document has been created only for informational purposes to the best knowledge of CHEMISCHE FABRIK KALK GMBH and within the framework of the quality management. All previous versions shall be superseded by the current version. The information given above does not constitute a legally binding assurance of certain characteristics of the product or certain properties for a specific use. It does not exempt the client from the obligation of carrying out an incoming goods inspection and does not justify any third party claims. The Material Safety Data Sheet is to be observed.

Reference: FT_Carbonate_Alum_V02_04/2022

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