



PRODUCT DATA SHEET



PRODUCT: CAUSTIC SODA BEADS

RELEASED: 1985

REVISION: No. 12, February 2025

SPECIFICATIONS

PROPERTY	VALUE	UNIT	METHOD*
. Sodium Hydroxide (NaOH)	Min. 99	% p/p	ISO 979/3196 – ASTM D501
. Sodium Carbonate (Na ₂ CO ₃)	Max. 0.4	% p/p	ISO 979/3196 – ASTM D501
. Chloride (Cl)	Max. 130	ppm	EN 896 – ASTM E 291
. Iron (Fe)	Max. 10	ppm	ISO 983

*The company's internal assay procedures are based wholly or in part on standard analytical methods. UNE-EN-ISO, ASTM

TYPICAL VALUES

. Sulphates (SO ₄),	30	ppm	ISO 982/ASTM D516
. Heavy metals (Ag)	20	ppm	UNE-EN 896
. Nickel	2	ppm	UNE-EN 896
. Particle size 1-2 mm	85	% (p/p)	

OTHER

. Product manufactured using membrane technology, mercury free.

SPECIAL PROPERTIES:

- Caustic soda bead Food Additive/Food Chemicals Codex. This food additive grade product, E-number E-524, satisfies the requirements specified in Regulation (EC) 178/2002, Regulation (EC) 852/2004, Regulation (EC) 1333/2008, and Regulation (EC) 231/2012.
- Potable caustic soda beads (for treatment of water for human consumption). This potable grade product satisfies UNE-EN standard 896, Spanish Royal Decree 3/2023, and Directive (EU) 2020/2184.
- Caustic soda bead processing aids for food (Food). The product processing aid for food complies with Royal Decree 773/2023 and Regulation (EC) 1333 / 2008.
- Caustic soda pearls processing aids for animal feed (Feed). The processing aid for animal feed is suitable for use as an aid for treating raw materials used in animal feed manufacturing processes that are complaint with Regulation 68/2013.
- Caustic soda beads Full Grade. This product satisfies food additive grade and potable grade requirements under the laws and regulations set out above.
- Caustic soda beads Full Grade Renewable. This product is certified by the ISCC Plus voluntary sustainability scheme at the Vila-seca I plant.

STANDARD PACKAGING

- 25 kg polyethylene bags on 1,200 kg shrink-wrapped pallets.
- 500 kg and 1,000 kg bulk bags.

APPROVED BY PLANT QUALITY MANAGEMENT

APPROVED BY COMMERCIAL MANAGEMENT