

Technical Data Sheet

Version: 1.0 EN

Sodium benzoate, E 211

Article number: D10073

General Information

Origin	Sodium benzoate is the sodium salt of benzoic acid and a preservative. It is an odourless granulate with a bacteriostatic and fungistatic effect. The formation of yeasts, moulds and bacteria is thus inhibited. Sodium benzoate is most effective at an acidic pH value (optimum effect at pH < 3.6).
CAS Number	532-32-1
EC Number	208-534-8
INCI	SODIUM BENZOATE
Molecular Formula	C ₇ H ₅ O ₂ Na
Appearance	White, crystalline granulate
Packaging	25 kg bags and small containers
Shelf life	24 months
Applications	Application in food and cosmetics
Allergens	None of the 14 main allergens added or contained
Compliance	Regulation (EC) No. 1333/2008, LMIV Regulation (EU) No. 1169/2011

Specification Values

Parameter	Value
Solubility	Free soluble in water, sparingly soluble in ethanol
Melting range	121,5 – 123,5°C
Loss on drying	≤ 1,5 %
Readily oxidisable substances	Pass test
Polycyclic acids	Pass test
Chlorinated organic compounds	≤ 200 mg/kg
Acidity or alkalinity	Meet requirements
Arsenic	≤ 3 mg/kg

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Lead	≤ 2 mg/kg
Mercury	≤ 1 mg/kg

Nutritional Values

	Average Values (per 100g / 100ml)
Energy (kJ)	0
Energy (kcal)	0
Fat (g)	0
- Of which saturated fats (g)	0
Carbonhydrates (g)	0
- Of which sugars (g)	0
Fibre (g)	0
Protein (g)	0
Salt (g)	0
Sodium (g)	15,9

Additional Information

All details are based on our current state of knowledge and are not transferable to other products. They do not constitute a warranty or guarantee of specific properties or suitability for particular applications. Each use of our supplied products must be tested in the respective application and checked for any existing property rights. Color and form of the product may slightly vary within a production batch due to the manufacturing process.

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