

# Sodium Benzoate

**INCI Name:** Sodium Benzoate

**CAS Numbers:** 532-32-1



## Description:

Sodium Benzoate has the chemical formula  $\text{NaC}_7\text{H}_5\text{O}_2$ ; it is a widely used food preservative, with E number E211. It is the sodium salt of benzoic acid and exists in this form when dissolved in water. It can be produced by reacting sodium hydroxide with benzoic acid. Sodium Benzoate is also used as a preservative in medicines and cosmetics.

## Technical Data:

Test Description	Minimum	Maximum
Initial Date of Manufacture		
Recommended Re-Test Date		
White Extruded Pellets		
_Arsenic (as As), ppm*		
_Assay, % *	99.0	100.5
_Heavy Metals (as Pb), ppm*		
_ID (IR, Sodium and Benzoate)*		
_Lead, ppm *		
_Residual Solvents*		
_Alkalinity, %		.04
_Water, %		1.5

## Applications

Sodium Benzoate is used in shampoos, body wash products, conditioners, moisturizers, anti-aging products, mouthwash products, hair color and bleaching products, soaps, creams, styling gels, lotions, toothpastes, exfoliants, scrubs, hair sprays, sunscreens, astringents, baby wipes, foundations, mascaras, nail polishes, foams, eye shadows, detanglers, bronzers, highlighters, after shaves, depilatory products, lubricants, spermicides, antiperspirants, deodorants, lighteners, damaged skin treatment products, lip balms, breath fresheners, hand sanitizers, and powders.



McKinley Resources, Inc.

P.O. Box 810472 • Dallas, TX 75381

Phone: 972-620-9730 • Fax: 972-421-1860

[www.mckinleyresources.com](http://www.mckinleyresources.com) • [info@mckinleyresources.com](mailto:info@mckinleyresources.com)