

## Sodium Benzoate

For Food, Feed, Pharmaceutical, Cosmetic, and Industrial Uses

Sodium Benzoate is the sodium salt of benzoic acid. One gram of salt is soluble in 2ml of water, in 75ml of ethyl alcohol, and in 50ml of 90% ethyl alcohol. The salt is insoluble in ethyl ether. A typical aqueous solution will be slightly alkaline and typically has a sweetish astringent taste. Sodium Benzoate is a slightly hygroscopic, white, odorless or nearly odorless product. Sodium Benzoate contains 84.7% of available benzoic acid.

### Product Properties

Chemical Name	Sodium Benzoate
Formula	C <sub>7</sub> H <sub>5</sub> O <sub>2</sub> Na
Assay on Dried Material	≥ 99.0% mass
Loss on Drying	≤ 1.5% mass
Readily Carbonizable Substances	To Pass Test
Readily Oxidizable Substances	To Pass Test
Lead (Pb)	≤ 2 ppm
Arsenic (As)	≤ 3 ppm
Mercury (Hg)	≤ 1 ppm
Acidity and Alkalinity	To Pass Test
Chloride Compound	≤ 0.06%
Phthalic Acid	≤ 100 ppm

### Applications

#### Foods and Beverages

Prepared salads, jams and jellies, dressings, sauces, condiments, pickles, and olives

#### Personal Care & Cosmetics

Lotions, hair care, liquid soaps, wipes, and feminine hygiene

#### Pharmaceutic Inactive Ingredient

Cough, cold, pain, topical ointments and lotions

#### Chemical Synthesis

#### Polypropylene Nucleation

#### Corrosion Inhibition

Sodium Benzoate is also used in industrial applications, including as a chemical intermediate, catalyst, nucleating agent for polypropylene manufacture, and as a corrosion inhibitor. Corrosion inhibitions has been reported at low concentrations for steel,

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A.M FOOD CHEMICAL CO., LIMITED & THE INSTITUTE OF BIOTECHNOLOGY (SHANDONG) CO., LTD. are both wholly owned subsidiaries of AM HOLDING GROUP LIMITED.

A.M FOOD CHEMICAL CO., LIMITED  
TEL: 86-535-3800293; 86-531-87100375  
302-10, Shandong Int'l Biotech Park, 39th Keji Ave., Yantai, China, 264003  
20F, Block B, Building #1, Pharma Valley, Jinan Innovation Zone, Jinan, China, 250101

[www.amfoodchem.com](http://www.amfoodchem.com)  
[sales@amfoodchem.com](mailto:sales@amfoodchem.com)

zinc, copper, copper alloys, soldered joints, aluminum, and aluminum alloys, with the highest inhibition efficacy at PH levels 6-12.

Our Sodium Benzoate has outstanding physical properties for consistently high performance in all of handling, production, and packaging processes. A.M Food Chemical offers Sodium Benzoate in three forms for tailored performance and ease of use in a wide variety of applications: dust-free granules, anti-caking sprinkles, and easy-to-mix powder.

All forms are manufactured to meet National Formulary (NF), Food Chemicals Codex(FCC), European Pharmacopeia (EP), and EEC E-211 specifications.

### Legislation

Sodium Benzoate is an approved food additive according to EU and FDA legislation and JECFA (FAO/WHO), FCC and Japanese food standards. Please check local legislation for the exact dosage levels and allowed applications.

Products are certified by FDA, ISO, HALAL, KOSHER, and FAMI-QS. For more detailed information please refer to Technical Data Sheet and Safety Data Sheet.

### Stability

Sodium Benzoate is stable for 2 years from the date of production. Due to the fact that Sodium Benzoate is slightly hygroscopic, physical stability and appearance may change before the end of shelf-life if not stored in well closed original packaging, dry and at room temperature.

### Handling

Sodium Benzoate has no classification, Always check the Safety Data Sheet and label before using this product.

### Packaging/ Available Grades

1. Sodium Benzoate Granule available in dust-free granules in 25KG bags.
2. Sodium Benzoate Powder available in easy-to-mix powder in 25KG bags.
3. Sodium Benzoate Sprinkle available in anti-caking strips in 25KG bags

Other packaging arrangements can be made, please contact us for details.

### Safety Precautions

Please see the Safety Data Sheet before handling this material.

This product is produced in China.

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20F, Block B, Building #1, Pharma Valley, Jinan Innovation Zone, Jinan, China, 250101

[www.amfoodchem.com](http://www.amfoodchem.com)  
[sales@amfoodchem.com](mailto:sales@amfoodchem.com)