

# H & A (Canada) Inc.

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## PRODUCT DATA

# SODIUM BENZOATE

FCC/NF/BP

**Item #:** SO270/SO272

**CAS No:** [532-32-1]

**M.Wt:** 144.11g/mol

**M.Fm:** C<sub>7</sub>H<sub>5</sub>O<sub>7</sub>NaO<sub>2</sub>

### **Description:**

Sodium benzoate is a white, odorless or nearly odorless pellet, pearl or crystalline powder. It is slightly hygroscopic. One g is soluble in 2 mL of water, in 75 mL of alcohol, and in 50 mL of 90% alcohol. An aqueous solution is slightly alkaline with a pH of about 8.

### **Applications:**

Preservative and anti microbial agent for tomato products, pickles, sauces, fruits, fruit salads, jams, cider, fruit juices, salad dressing, and some meat and poultry products. Also used in margarine if combined with Sorbates.

### **Specifications:**

This product meets the specifications of Food Chemicals Codex (FCC) IV, National Formulary (NF) 18 and British Pharmacopoeia (BP) 98.

Identification	.....	Positive for Sodium & Benzoate
Alkalinity (as NaOH)	.....	0.04% max.
Clarity of Solution	.....	Transparent
Color of Solution	.....	Y6 max
Heavy Metals (as Pb)	.....	10ppm max.
Arsenic (as As)	.....	3ppm max.
Chloride	.....	200ppm max.
Total Chlorine	.....	300ppm max.
Water	.....	1.5% max
Assay (anhydrous)	.....	99.0%-100.5%
Organic Volatile impurities	.....	Meets the requirement

### **Particle Types:**

- 1) Dust free pellet (SO270)
- 2) Fine Powder (SO272)

### **Packaging and Storage:**

Preserved in 25 kg bags. Store in dry, cool conditions.

**Shelf Life:** Two years.

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