



# MACCO ORGANIQUES INC.

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THE MANUFACTURING PROCESS OF THE PRODUCT BELOW IS COVERED BY A REGISTERED ISO-9001 QUALITY SYSTEM

Date: March 19<sup>th</sup>, 2010

Supersedes: April 30<sup>th</sup>, 2007

CAS # : 532-32-1

Ref # : S40151-A1

## SODIUM BENZOATE FCC-NF POWDER

EEC # : E-211

C<sub>7</sub>H<sub>5</sub>NaO<sub>2</sub>

Mol. Weight: 144.11

### DESCRIPTION

White, odorless or nearly odorless. One gram dissolves in 2 ml of water.

### SPECIFICATIONS

Identification	:	Positive
Assay (dry basis)	:	99.0% - 100.5%
Alkalinity (as NaOH)	:	0.04% Max.
Heavy Metals (as Pb)	:	0.0005% Max.
Lead	:	2 mg/kg Max.
Water	:	1.5% Max.

**OVI & RS:** This material conforms to the USP/NF limits for organic impurities. Based on our knowledge of the manufacturing process and on controlled handling, shipping and storage of the material, we acknowledge that there is no potential for introduction of Residuals Solvents (RS) & Organic Volatile Impurities (OVI) in the material, because, when used, the only solvent in our inorganic synthesis process, is potable water.

### TYPICAL BULK DENSITY

Typical bulk density (tapped)	:	18 - 23 lb/cu.ft 0.29 - 0.37 g/cc
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### TYPICAL PARTICLE SIZE

On 850 µm (US std mesh #20)	:	0 - 0.1%
On 425 µm (US std mesh #40)	:	0 - 0.2%
On 150 µm (US std mesh #100)	:	0 - 3%
On 75 µm (US std mesh #200)	:	5 - 80%
On 45 µm (US std mesh #325)	:	20 - 60%
Thru 45 µm (US std mesh #325)	:	1 - 60%

### PACKAGING AND STORAGE

20 kg. Multiwall paper bags or 45.4 kg fiber drums with polyethylene liner.

Store in tight containers. Recommended storage conditions : a cool and dry place.

Recommended maximum storage time : 2 years.

### FUNCTIONAL USE IN FOODS

Preservative: antimicrobial agent.

Conforms to U.S. Food Chemicals Codex Specifications

Conforms to National Formula specifications.

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