



MACCO ORGANIQUES INC.

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



Date: August 6, 2010

Supersedes: N/A

CAS # : 532-32-1

Ref # : S40151-A6

SODIUM BENZOATE FCC¹-NF POWDER

C₇H₅NaO₂

Mol. Weight: 144.11

DESCRIPTION

White, odorless or nearly odorless.

SPECIFICATIONS²

◇ Solubility	:	Conforms
Identification	:	Positive
Assay (Dry basis)	:	99.0 - 100.5%
Water	:	1.5% Max.
◇ Appearance of solution	:	Conforms
◇ Acidity (as HCl)	:	0.073% Max.
◇ Alkalinity (as NaOH)	:	0.080% Max.
◇ Ionised Chlorine	:	200 ppm Max.
◇ Total Chlorine	:	300 ppm Max.
Heavy Metals (as Pb)	:	10 mg/kg Max.
Lead	:	2 mg/kg Max.
◇ Loss on drying	:	2.0% 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) : 21 to 25 lbs/cu.ft. (0.34 to 0.40 g/mL)

TYPICAL PARTICLE SIZE

On 850 µm (US std mesh #20)	:	≤ 0.1%
On 45 µm (US std mesh #325)	:	20 to 60%
Thru 45 µm (US std mesh #325)	:	1 to 60%

PACKAGING AND STORAGE

20 kg multi-wall paper bags and 45.4 kg or 50 kg fibre 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.

¹ Conforms to the "Food Chemical Codex" (FCC).

² Meets the analytical testing requirements of the "National Formulary" (NF) and the "European Pharmacopoeia" (EP).

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