

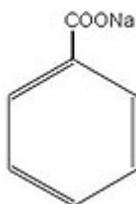


Pentagon Chemicals

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NAME	SODIUM BENZOATE
FORMULA	C7H5NaO2
Molecular Wt.	144.2
CAS No.	532.32.1

SPECIFICATIONS OF SODIUM BENZOATE

SPECIFICATION	TECHNICAL GRADE (Feed Grade)	BP GRADE (Pharmaceutical Gr.)	USP GRADE	IP GRADE
Description	White amorphous crystalline powder, or flakes, slightly hygroscopic			
Identification	-	It responds to the test for Sodium & Benzoate.		
Assay (On Dried Basis) % Min.	98.0%	99.0%	99.0%	99.0%
Clarity and colors of solution	-	Clear not more intensely color than Ref. Solu Y6		
Acidity & Alkalinity	NMT 0.2 ml	NMT 0.2 ml	NMT 0.2 ml	NMT 0.2 ml
Water/Loss on Drying	NMT 2.0%	NMT 2.0%	NMT 1.5%	NMT 2.0%
Arsenic	-	-	NMT 3 ppm	NMT 2 ppm
Heavy Metals	-	NMT 10 ppm	NMT 0.001	NMT 20 ppm

			ppm	
Halogenated Compounds/Ionic chloride	-	NMT 200 ppm	-	-
Total Chlorine	-	NMT 300 ppm	-	-

Use of Sodium Benzoate : Sodium Benzoate is mainly used for preserving Fruits, Jams, Jellies, Pickles, Meat, fish etc. It is also used for preserving fruit juice & fruit beverages. Sodium Benzoate is effective preservation for Jam, Jellies especially when packed in large wooden containers for shipment to bakeries or other large scale users. Often to preserve chocolate syrups 0.050% of Sodium Benzoate along with 0.050% of Benzoic Acid is used. Sodium Benzoate Powder or Flakes does not affect the nutrient value of goods & is entirely harmless to human beings. All available published information indicates that the presence of Sodium Benzoate by itself has no effect on the vitamin content of food. However all foods whether preserved with Sodium Benzoate or by some other preservation are subject to chemical changes unless they are packed to exclude air. Sodium Benzoate is widely used in paint industry, cattle feed, mosquito repellent etc...

Container Loadability	14 MTS / 20 ftr
Packing	10 kgs / 25 kgs HDPE Bags with Liner inside.
Recently Introduced	1.0/5.0 Kgs SODIUM BENZOATE IP/BP/USP

