



Bimal Pharma Pvt. Ltd., Mumbai, India
 (ISO 9001 : 2015 & AEO T1 Certified Co.)
www.sorbicsorbatesindia.com

ISO 9001 : 2015



Cert. No.: 110661/A/0001/UK/En

BIMAL PHARMA PVT. LTD. MUMBAI (INDIA)	FINISHED PRODUCT INFORMATION
QUALITY CONTROL AND ASSURANCE	PRODUCT : SODIUM BENZOATE GRANULAR (FCC VIII / E-211) (FOOD GRADE)
MSDS No. : BPPL 173 (Available on Request)	SPECIFICATION No. : FP-173 (b) (Enclosed)

1. **NOMENCLATURE** : Sodium Benzoate
 : Sodium Salt of Phenyl Carboxylic Acid

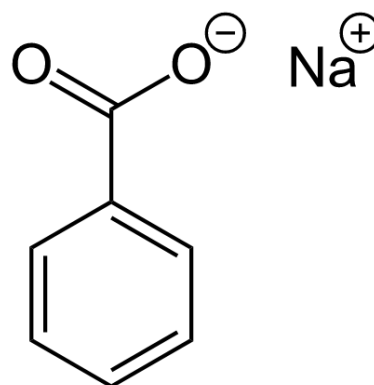
2. **CAS NO.** : 532-32-1

3. **HSN CODE** : 29163140

4. **EMPIRICAL FORMULA** : $C_7H_5NaO_2$

5. **MOL. WT.** : 144.11

6. **STRUCTURAL FORMULA** :



7. **DESCRIPTION** : A White Crystalline Powder, Free Flowing

8. **APPLICATION IN** : Antifungal Preservative.
 : Used as a Preservative to suppress the
 : Growth of Yeast so as to avoid
 : Re-fermentation in Bottles.

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- 1. DESCRIPTION** : White Granules, Free from Black particles & Foreign matter. Odourless & Tasteless.
- 2. SOLUBILITY** : 1 gm dissolves in 2 ml of Water,
: Sparingly soluble in 75 ml of 95 % Alcohol.
- 3. COLOUR & CLARITY OF SOLUTION (10 % w/v)** : 10 % w/v solution in distilled water is clear & Colourless and the Colour is not more than Reference Solution, YS6.
- 4. IDENTIFICATION** : a) To 10 % w/v sample solution, add Ferric Chloride Test Solution; a Buff coloured Precipitate is formed. Add diluted Hydrochloric Acid, a white crystalline precipitate is produced.
b) The Melting Range of the precipitate (Benzoic Acid) obtained with HCl shall be between 121.5 - 123.5°C.
- 5. ACIDITY OR ALKALINITY** : 0.2 ml / gms.
(0.1N HCL / 0.1N NaOH)
- 6. LOSS ON DRYING** : 1.50 % Max.
(4 Hrs. at 105°C)
- 7. HEAVY METALS** : 10 ppm Max.
- 8. ARSENIC** : 2 ppm Max.
- 9. LEAD** : 2 ppm Max.
- 10. pH** : 7.5 to 8.8
(10 % AQUEOUS SOLUTION)

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11. **CHLORINATED COMPOUNDS** : 25 ppm Max.
IONIC CHLORIDE : 200 ppm Max.
TOTAL CHLORINE : 300 ppm Max.
12. **RESIDUAL SOLVENTS
(TOLUENE)** : 890 ppm Max.
13. **ASSAY (ODB)** : 99.0% to 100.5%
14. **BENZENE** : Max. 2 ppm
CHLOROFORM : Max. 2 ppm
1,4 DIOXANE : Max. 380 ppm
METHYLENE CHLORIDE : Max. 600 ppm
TRICHLORO ETHYLENE : Max. 80 ppm
15. **PACKING** : 25 Kgs. Plastic Woven Bag / Carton /
Fibre Drum with PE Liners
: 05 Kgs. Carton / Plastic Jar
16. **SHELF LIFE** : 5 Years (60 Months)