

**NABZ SF**

**Technical Datasheet**

Chemical Name	SODIUM BENZOATE	
Grade Name	NABZ SF	
CAS No.	532-32-1	
HS Code	29163140	
EINECS No.	208-534-8	
Molecular Formula	C7H5NaO2	
Synonyms	<ul style="list-style-type: none"> <li>• BENZOIC ACID SODIUM SALT</li> <li>• SODIUM SALT OF BENZENE CARBOXYLIC ACID</li> </ul>	
<b>TEST</b>	<b>SPECIFICATION</b>	<b>METHOD</b>
Appearance	White powder free from visible contamination	Visual
Purity by elemental analysis %	Min 99	AAS
Moisture %	Max 1.5	Oven drying at 105 Deg (3-12) hours.
Acidity / Alkalinity	1 gm requires max 0.2 ml of 0.1N NaOH or HCl	Titration
Particle size D95-100 Microns	Max 10	Particle Size Analyzer (Wet method)

**Product Information:**

- Sodium Benzoate Micronised is used as nucleating agent for manufacture of several Polypropylene grades.
- Sodium Benzoate Micronised is completely safe for use in food grade plastics (GRAS) and has neutral pH.
- Sodium Benzoate is chemically stable upto 400 Degrees C due to which it is used in high temperature applications.
- Sodium Benzoate improves Nucleation and ensures uniform crystal growth at higher temperatures.
- Sodium Benzoate improves Flexural Modulus, impact strength & stiffness.
- Sodium Benzoate Micronised is used as polymerisation catalyst for PPS resins.

**Product Handling & safety:**

Please refer to our product MSDS for specific instructions on handling this product.

**Product Registration:** NaBz SF is approved for use in food contact polymer as per the following chapter headings.

Title: 21 - Food and Drugs

Chapter: I - Food and drug administration, department of health and human services

Subchapter: B - Food for human consumption

Part: 184 - Direct food substances affirmed as generally recognized as safe

Subpart: B - Listing of Specific Substances Affirmed as GRAS

Section: 184.1733 - Sodium benzoate

**Product Disclaimer**

**Important :** This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contact rising in connection with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or for use for which implantation within human body is intended.