



## BENZYL BENZOATE

## Technical Datasheet

**Product Information:** Benzyl Benzoate is a versatile chemical used in perfumery, cosmetics, dhoop and agarbatti. It has a fruity, almond like smell and can be used as a carrier in most of the perfumes. Benzyl Benzoate is also used as plasticiser in polymers and in cosmetics and dyes as carrier.

Chemical Name	BENZYL BENZOATE		
Grade Name	BENZYL BENZOATE		
CAS No.	120-51-4		
EINECS No.	204-402-9		
Molecular Formula	C <sub>14</sub> H <sub>12</sub> O <sub>2</sub>		
Synonyms	<ul style="list-style-type: none"><li>• BENZOIC ACID BENZYL ESTER</li><li>• BENZYL PHENYL FORMATE</li><li>• BENZYL BENZENECARBOXYLATE</li></ul>		
<b>TEST</b>	<b>SPECIFICATION</b>		<b>METHOD</b>
Appearance	Clear colourless oily liquid		-
Odour	Faintly aromatic		-
Relative density	1.113 gm to 1.118 gm		-
Refractive index	1.567 to 1.569		-
Presence of chlorinated compound	Free from chloride		-
Freezing point	NLT 17°C		-
Acidity	Not more than 0.5 ml of 0.1 N NaOH is required to change the colour of the indicator to pink		-
Purity by GC	NLT 99%		-
Solubility	Soluble in ethanol		-
-	-		-
Solubility at	Solvent	Solubility ( gm/100ml )	Visual

### Product Applications:

1. Used as plasticiser in cellulose and other polymers.
2. Used as solvent and preservative associated with allergies and contact dermatitis.
3. Used as lead agent, leveler and repair agent in textile auxiliaries.

### Product Benefits:

1. used as fixative in fragrances to improve the stability of main ingredients.
2. Dye carrier



**Product Dosage:** We strongly recommend testing of your own system under the actual conditions of processing and end-use prior to full scale testing. Exact loading must be determined by compositions of the specific polymer systems.

Polymer Details	Suggested dosage
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**Product Handling & safety:**

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

**Product Registration:** Benzyl Benzoate is registered for use in Food contact polymers under the following classification.

Title: TITLE 21--FOOD AND DRUGS.

Chapter: CHAPTER I--FOOD AND DRUG ADMINISTRATION DEPARTMENT OF HEALTH AND HUMAN SERVICES.

Subchapter: SUBCHAPTER B--FOOD FOR HUMAN CONSUMPTION (CONTINUED).

Part: PART 172 -- FOOD ADDITIVES PERMITTED FOR DIRECT ADDITION TO FOOD FOR HUMAN CONSUMPTION.

Subpart: Subpart F--Flavoring Agents and Related Substances.

Section: Sec. 172.515 Synthetic flavouring substances and adjuncts.

**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 alleges negligence breach of warranty, strict liability, and tort or contact rising in connectoin 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 fur use for which implantation within human body is intended.