



COBALT BENZOATE

Technical Datasheet

Product Information: Cobalt benzoate is used as a speciality chemical with several interesting applications. Cobalt benzoate is used in production of brilliant blue pigments, and finds use in fireworks for their brilliant blue colour. It also finds use in water insoluble, non-toxic corrosion protecting pigments. Preparation of gray to blue aromatic polyesters is achieved by incorporating cobalt benzoate in catalyst system.

Chemical Name	COBALT BENZOATE		
Grade Name	COBALT BENZOATE		
CAS No.	932-69-4		
EINECS No.	213-257-0		
Molecular Formula	C ₁₄ H ₁₀ CoO ₄		
Synonyms	<ul style="list-style-type: none">• BIS(BENZOIC ACID)COBALT(II) SALT• COBALTOUS BENZOATE• DIBENZOIC ACID COBALT(II) SALT		
TEST	SPECIFICATION	METHOD	
Appearance	Form: Powder Colour: White	Visual	
Purity by Cobalt content	> 98.0 %	By ASS	
Cobalt content	18.5 - 19.5%	By ASS	
Moisture Content	< 1.5 %	KF Titration	
Solubility at	Solvent	Solubility (gm/100ml)	Visual

Product Applications:

1. Used as a preblend additive composition during preparation of polyester resins useful in the manufacture of plastic containers. such preblending substantially eliminates any yellow or blue colour, or haze in the product article.
2. Used as catalyst during manufacture of Polyethylene based product which are used in packaging or adhesives applications.
3. Used as catalyst in manufacture of 4,4-dimethyl-6-isopropyl-1,2,3, 4-tetrahydronaphthalen-1-one which is used in preparation of floral perfumes.

Product Benefits:

1. Cobalt Benzoate gives more brilliant colours as compared to Copper Benzoate.
2. Dosage requirements is small.
3. Cobalt Benzoate is thermally stable compound.

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

**Product Handling & safety:**

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

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 arising in connection with product(s). Buyer's sole remedy and Seller's sole Liability for any claims shall be buyer's purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its intended 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.