



Trigon Chemicals Pvt. Ltd.

(ISO 9001:2008 Certified Company)

722/AB/15, Nirmal, Laxmi Park Colony, Navi Peth, Pune-411 030. India., Tel: +91 (20) 24530071, Fax: +91 (20) 24530110
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COPPER BENZOATE	Technical Datasheet
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Product Information: Used in fireworks since it emits blue flame.			
Chemical Name	COPPER BENZOATE		
Grade Name	COPPER BENZOATE		
CAS No.	533-01-7		
EINECS No.	208-552-6		
Molecular Formula	C ₁₄ H ₁₀ CuO ₄		
Synonyms	<ul style="list-style-type: none">• BENZOICACID,COPPER(2++)SALT• CUPRIC BENZOATE• DIBENZOIC ACID COPPER(II) SALT		
TEST	SPECIFICATION	METHOD	
Appearance	Form: Powder Colour: Blue	Visual	
Purity by Copper content	> 98.0 %	Volumetry (sodium thiosulphate)	
Moisture content	< 1.5 %	KF Titration	
Copper content	> 20.36 %	By Titration	
Solubility at	Solvent	Solubility (gm/100ml)	Visual
	Water	Insoluble	

Product Applications:

1. Used as activator for formulations for suppression and control of citrus canker and other plant diseases
2. Used as catalyst in manufacture of Dual-curing, multi-component dental composition.
3. Used as preservative and bactericide in Antifouling paint composition

Product Benefits:

1. Because copper emits blue in a flame, Copper II benzoate has found some use as a source of blue light in fireworks.
2. Additive in anti-microbial compositions.
3. Catalyst in manufacture of Thioamide compounds.

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.



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Product Registration: It is not recommended for food contact polymers.

Title:

Chapter:

Subchapter:

Part:

Subpart:

Section:

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). 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 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.