



## TECHNICAL DATA SHEET

### 1. Product Identification

Product Name: Copper Hydrogen Phosphate  
Chemical Name: Copper(II) Hydrogen Phosphate  
CAS No.: 13587-24-1  
Molecular Formula: CuHPO<sub>4</sub>  
Molecular Weight: 159.51 g/mol  
Grade: Industrial / Chemical Grade  
Appearance: Blue to blue-green powder

### 2. Product Description

Copper Hydrogen Phosphate is an inorganic copper salt composed of copper and hydrogen phosphate ions. It is commonly used as an intermediate or functional material in various industrial and chemical applications where copper and phosphate functionality is required.

### 3. Chemical & Physical Properties

Property	Typical Value
Appearance	Blue to blue-green powder
Molecular Formula	CuHPO <sub>4</sub>
Molecular Weight	159.51 g/mol
Solubility	Slightly soluble in water
Stability	Stable under normal conditions
Chemical Class	Inorganic copper compound

### 4. Typical Specifications

Parameter	Specification
Copper (Cu) Content	≥ 39.0 %
Moisture	≤ 1.0 %
Insoluble Matter	≤ 0.5 %
Heavy Metals (as Pb)	≤ 20 ppm

Detailed batch-specific results are provided in the corresponding COA.

## **5. Applications**

Industrial chemical manufacturing  
Inorganic synthesis intermediate  
Pigment and material-related applications  
Chemical research and development  
Other industrial uses where copper phosphate compounds are required

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## **6. Packaging & Storage**

Packaging: 25 kg fiber drum or woven bag with inner liner (or as agreed)  
Storage Conditions:  
Store in a cool and dry place  
Keep container tightly closed  
Avoid moisture and contamination  
Shelf Life: 24 months under recommended storage conditions

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## **7. Regulatory Status**

Intended for industrial use only  
Not approved for food, feed, pharmaceutical, or medical applications  
COA, MSDS, and TDS are available upon request or free download