



Copper dihydroxide

Product introduction

Product description: Copper(II) hydroxide; Copper dihydroxide;
 $\text{Cu}(\text{OH})_2$.

CAS no.: 20427-59-2

Product specification: Industrial grade 96%

Product explanation

Molecular formula: $\text{Cu}(\text{OH})_2$

Molecular weight: 97.56

Physico-chemical Properties: Blue powder, insoluble in water,
 and soluble in dilute acid,
 ammonia and sodium cyanide,
 will become dark in color when heated to 60°-80°.

Product Use: As analytical reagent, also for medicine and pesticide.

Packing, storage and shipping: Water proof bag or cardboard bag with inner plastic bag,
 sealed and stored in a cool & dry place. Each bag of 25kg.

Executive standard: Enterprise standard



Quality standard

Copper dihydroxide	Industrial grade	Medical grade	Pesticide grade	Reagent grade
Item	Index	Index	Index	Index
Content % ≥	96.0	98.0	97.0	99.0
Content(By Cu) % ≥	62.5	63.0	63.0	63.0
Acid insoluble matter % ≤	--	0.01	--	0.01
Fe % ≤	--	0.05	0.05	0.01
Mg % ≤	--	0.05	0.05	0.05
Ca % ≤	--	0.05	0.05	0.05
As % ≤	--	0.001	0.001	0.001
Pb % ≥	--	0.0005	0.0005	0.0005



Superfine Copper hydroxide

Product introduction

Product description: Superfine Copper hydroxide powder ;
Ultrafine Copper hydroxide powder ;
Superfine cupric hydroxide powder ;
Superfine $\text{Cu}(\text{OH})_2$

CAS no. : 20427-59-2



Product explanation

Molecular formula: $\text{Cu}(\text{OH})_2$

Molecular weight: 97.56

Appearance: Dark blue or blue powder, insoluble in water, and soluble in dilute acid, ammonia, will become dark in color when heated to 60~80 °C

Product use: Catalyst (catalytic synthesis of hydrogen triethoxy silane), mordant, colorants, rayon pigment, new biorational pesticide (nano wettable powder synthesis), etc.

Packing, storage and shipping: Aluminum foil packaging, each bag of 25kg. Seal packaging. Store in a cool & dry place.

Executive standard: Enterprise standard

Quality standard

Item	$\text{Cu}(\text{OH})_2$ (%)	Cu (%)	Acid insoluble matter (%)	Fe (%)	Mg (%)	Ca (%)	As (%)	Pb (%)	Cd (%)
Index	≥98.0	≥64.0	≤0.02	≤0.05	≤0.05	≤0.05	0.001	0.003	0.0005



Copper hydroxide nanorods

Product introduction

Product description: Copper hydroxide nanowires;
Nano-cupric hydroxide;
Cupric hydroxide nanopowder;
Cu(OH)₂ nanopowder; Nano Cu(OH)₂

CAS no. : 20427-59-2

Product specification: Diameter 40~80nm(SEM), Length 1~2μm



Product explanation

Molecular formula: Cu(OH)₂

Molecular weight: 97.56

Physic-chemical Properties: Shallow blue or blue powder, insoluble in water, soluble in dilute acid and ammonia. Deep discoloration when heated to 60-80°C.

Product use: Catalyst (catalytic synthesis of hydrogen triethoxy silane), mordant, colorants, rayon, pigment, new biorational pesticide (nano wettable powder synthesis), etc.

Packing, storage and shipping: Aluminum foil packaging, 1kg, 2kg, 25kg. Seal packaging. Store in a cool & dry place. Delivery as general cargo.

Executive standard: Enterprise standard



Quality standard

Item	Purity (%)	Diameter (nm)	Length (μm)	Shape	Specific surface area (m ² /g)	Density (g/cm ³)
Index	99+	40~80	1~2	Porous nanorods	8~30	0.10~0.50



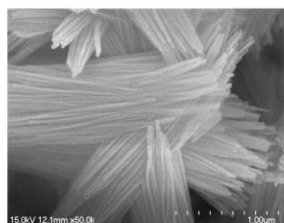
Supported copper hydroxide nanowires

Product information

Product description: Supported copper hydroxide nanowires;
Supported nano-cupric hydroxide;
Supported cupric hydroxide nanorods;
Supported nano $\text{Cu}(\text{OH})_2$

CAS no. : 20427-59-2

Product specification: Diameter 40~80nm; Length 1~2 μm



Product introduction

The supported nano raw pesticide is specially developed for copper preparations, including copper hydroxide and carrier. The carrier was added when processed copper preparations and no need to add again in the post processing of copper compounds. The shape of hydroxide appears nanowire or nanorods, with nano material characteristics of macro effect, quantum tunneling effect and surface effect, having advantage of stronger bactericidal power, higher suspensibility, better adhesion and longer pesticide effect. Combining with nano technology can greatly improve the quality of copper preparations.



Product explanation

Molecular formula: $\text{Cu}(\text{OH})_2$ and carrier

Appearance: Blue powder. Insoluble in water, soluble in dilute acid, ammonia. Its color will be getting darken when is heated to 60-80 °C.

Product use: For nano wettable powder synthesis, no need to smash and process.

Packing, storage and shipping: Kraft or Paper barrel sealed packaging. To store in a cool & dry place.

Executive standard: Enterprise standard

Quality standard

Model	$\text{Cu}(\text{OH})_2$ content (%)	Carrier content (%)	Diameter (nm)	Length (μm)	Shape	Specific surface area (m^2/g)	Density (g/cm^3)
A	90	10	40~80	1~2	Nanorods	8~30	0.1~0.5
B	80	20	40~80	1~2	Nanorods	8~30	0.1~0.5
C	70	30	40~80	1~2	Nanorods	8~30	0.1~0.5