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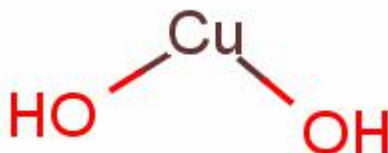
Technical Data Sheet

Copper Hydroxide

Product Information

Chemical Name	Copper Hydroxide
CAS #	20427-59-2
Formula	Cu(OH) ₂
Molecular Weight	97.56
Synonyms	Copper hydroxide; Cupric hydroxide; Copper hydrate; Copper oxide hydrated

Chemical Structure



Description

Blue or bluish green gelatin or light blue crystalline powder, relative density: 3.368. soluble in acids, ammonia water and alkali metal cyanides, carbonates, acidic carbonates solution, insoluble in water, will turn darker when heated at 60-80 ° C, and will be decomposed into black cupric oxide and water at higher temperature.

Specification

Cupric Hydroxide	Chemical pure	High purity grade	Stable pesticide grade	Optimal Technical grade	Technical grade
Assay %	≥98	≥98	≥95	≥96.5	≥95
Copper content %	≥64	≥64	≥62	≥63	≥62
Cd%	≤0.001	≤0.001	≤0.0005	≤0.0005	≤0.0005
As%	≤0.003	≤0.005	≤0.01	≤0.01	≤0.01
Pb%	≤0.003	≤0.005	≤0.027	≤0.02	≤0.03
Insol. in Hcl %	≤0.2	≤0.2	—	≤0.2	—

Fe%	≤0.1	≤0.1	—	≤0.1	—
Mg%	≤0.5	≤0.5	—	≤0.5	—
Ca%	≤0.5	≤0.5	—	≤0.8	—
pH-value(10 %)	—	—	6.5-7.5	6.5-7.5	6.5-7.5
Hg%	—	—	≤0.0005	≤0.0005	≤0.0005
Heating loss (1050C) %	—	—	≤5.0	—	—

Safety

Always refer to the Material Safety Data Sheet (MSDS)

Applications

It is used for cupric salts, medicines, feed additives, bactericides and as analytical reagent, as catalyst, dye mordant, pigment, paper staining agent etc.

Packaging

25kg per bag

20mt per 20ft container

Storage & Handling

Stored in draughty and dry warehouse. Packing bag must be tied tightly to prevent dampness

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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