

Technical information

COPPER OXYCHLORIDE (COC) – INORGANIC SALT

Chemical name (IUPAC nomenclature): Dicopper chloride trihydroxide

Chemical formula: $\text{CuCl}_2 \cdot 3\text{Cu}(\text{OH})_2$

EC No.: 215-572-9

CAS No.: 1332-65-6

REACH No.: 02-2119966120-46-0006

Type

Copper oxychloride is an inorganic salt registered in accordance with Regulation (ES) No. 1907/2006 of the European parliament and of the Council concerning the registration, evaluation, authorisation and restriction of chemicals (REACH) and establishing a European chemicals agency (ECHA).

Use

Inorganic salt: copper oxychloride is used in various branches of industry, as: chemical, textile, agrochemical, wood industry and for professional use: feed supplement and fertilizer, for galvanic protection.

Technical data

Property	Value	Reference/Method of determination/Estimated
Appearance	Fine powder	GIFAP/FAO code
Colour, Odour	Green, odourless	Estimated
Solubility in water	< 10 µg / L Cu	EEC A.6
Copper (Cu) pure	Od 57 do 58.5 %	CIPAC – volumetric thiosulphate method
pH (1 % aqueous dispersions, 20°C)	Od 5.0 do 7.5	CIPAC MT 75
Maximum heavy metals content (expressed as fraction of 57 % copper content):		
Cadmium (Cd)	Max. 40 mg/kg	Inductively coupled plasma optical emission spectrometry (ICP-OES)
Arsenic (As)	Max. 200 mg/kg	Inductively coupled plasma optical emission spectrometry (ICP-OES)
Lead (Pb)	Max. 40 mg/kg	Inductively coupled plasma optical emission spectrometry (ICP-OES)

Packaging

25 kg, big-bag