

TRIBASIC COPPER SULPHATE technical**Type**

Tribasic copper sulphate is an active substance (AS) registered in accordance with Regulation (ES) No. 1107/2009 for use in plant protection products and is included in Annex I of Council directive 91/414/EEC. With an inclusion – approval in Annex I tribasic copper sulphate can be used for registration of plant protection products in all member states of the Europe union.

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

Applications

Active substance tribasic copper sulphate in plant protection products is used as fungicide and bactericide.

Technical data parameter

Characteristic	Value	Control method
Appearance	Fine powder	GIFAP/FAO code
Colour, Odour	Green, odourless	Assessment
Copper content (Cu)	Minimum 52,5 %	CIPAC 44.0/1/M2/1
pH (1% aqueous dispersion, 20°C)	5.0–8.5	CIPAC MT 75.3
Cadmium (Cd)	max. 50 mg/kg	ICP-OES
Arsenic (As)	max. 50 mg/kg	ICP-OES
Lead (Pb)	max. 150 mg/kg	ICP-OES
Nickel (Ni)	max. 500 mg/kg	ICP-OES
Cobalt (Co)	max. 3 mg/kg	ICP-OES
Chromium (Cr)	max. 100 mg/kg	ICP-OES
Antimony (Sb)	max. 7 mg/kg	ICP-OES
Mercury (Hg)	max. 5 mg/kg	EPA 7473

Packaging

25 kg, big bag