

## Technical information

### TRIBASIC COPPER SULPHATE (TBCS) – technical

**Chemical name (IUPAC nomenclature):** Tetracopper hexahydroxide sulphate

**Chemical formula:**  $\text{Cu}_4(\text{OH})_6(\text{SO}_4)$

EC No.: 215-582-3

CAS No.: 1333-22-8

#### 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.

#### Use

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

#### Technical data

Property	Value	Reference/Method of determination/Estimated
Appearance	Fine powder	GIFAP/FAO code
Colour, Odour	Green, odourless	Estimated
Copper (Cu) pure	Minimum 52,5 %	CIPAC 44.0/1/M2/1
pH (1 % aqueous dispersions, 20°C)	from 5.0 to 8.5	CIPAC MT 75.3
Cadmium (Cd)	Max. 50 mg/kg	Inductively coupled plasma optical emission spectrometry (ICP-OES)
Arsenic (As)	Max. 50 mg/kg	
Lead (Pb)	Max. 150 mg/kg	
Nickel (Ni)	Max. 500 mg/kg	
Cobalt (Co)	Max. 3 mg/kg	
Chromium (Cr)	Max. 100 mg/kg	
Antimony (Sb)	Max. 7 mg/kg	

**Packaging:** 25 kg, big-bag