

Product name:

Copper(II) sulfate pentahydrate

Synonyms: Copper monosulfate pentahydrate, Copper vitriol pentahydrate

CAS number: 7758-99-8

General information:		
	Chemical formula: $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$	Molar Mass: 249.68 g/mol
	Appearance: blue crystalline powder	density: 2.284 g/cm ³
	Solub. in water: 317 g/l	Melting point: 110 °C
	vapor pressure : 7.3 mmHg (25 °C)	pH value : 3.5 - 4.5 (H ₂ O, 20°C)
	Storage temp.: +2°C to +30°C	Cautions: harmful, irritant, dangerous for the environment
	R: N/A	S: N/A
	HS-No.: 2833 25 00	EC index number .: 029-004-00-0

Hazard Symbol



Safety Information

Grade

Extra pure

Specification:				
Assay	≥	95.0	%	
Solubility & Appearance of Solution		Conforms		
Identification (Copper)		Conforms		
Identification (Sulfate)		Conforms		
Loss on drying		33.0-36.5	%	
Suitable for kjeldahl method		Conforms		

Ordering code	1 kg	2.5 kg	5 kg	10 kg	20 kg
P.E.	478.06.01000.02				
Glass					