

Technical data sheet



Product name: **Copper (II) sulfate pentahydrate**

Grade: **ACS**

Chemical formula: $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$

Molar mass: 249.68 g/mol

Synonyms: Copper sulfate pentahydrate; Cupric sulfate pentahydrate

General information	
Cas- No.	7758-99-8
Ec-No.	231-847-6
Appearance	blue solid
Boiling point	N/A
Melting point	110 °C
Flash point	N/A
Spec.density	2.285 g/cm ³ (20°C)
Vapour pressure	N/A
Solub. In H ₂ O	317 g/l (20°C)
Storage temp	≤+30 ° C
R:	22-36/38-50/53
S:	22-60-61

Specification	
Assay	98.0–102.0%
Identity	conforms
Appearance of solution	conforms
Insoluble matter	≤ 0.005%
Solubility	conforms
Melting point	110 °C
Chloride	≤0.001%
Potassium	≤0.01%
Sodium	≤0.02%

Symbol:



packaging:

Available Pack	1Kg	5Kg	10Kg
P.E	*	*	*
GLASS	-	-	-



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