

Copper (II) Sulphate Pentahydrate

AP Feed Grade

Chemical Name: Copper Sulphate Pentahydrate

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

Molecular weight: 249.68 g/mol

Appearance

Blue crystal or powder

Properties

Copper Sulfate Pentahydrate is a moderately water and acid soluble Sodium source for uses compatible with sulfates. Sulfate compounds are salts or esters of sulfuric acid formed by replacing one or both of the hydrogens with a metal.

Usage

Mainly used as textile mordant, agricultural pesticides, water fungicides, preservatives, in tanning leather, copper plating, mineral processing.

Packing

Packed in P.P. woven bags of 25kg net each

Typical Properties

Copper (Cu)	≅ 25 %	Nickel (Ni)	≅ 40 ppm
Purity	≅ 98 %	Iron (Fe)	≅ 50 ppm
Cadium (Cd)	≅ 10 ppm	Zinc (Zn)	≅ 100 ppm
Arsenic (As)	≅ 10 ppm	Lead (Pb)	≅ 10 ppm
Mercury	≅ 0.5 ppm	Chlorine (Cl)	≅ 50 ppm

Copper (II) Sulphate Pentahydrate

AP Technical Grade - 25%

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Mercury	≧ 0.5 ppm	Chlorine (Cl)	≧ 50 ppm
1mm (18 Mesh) Particle Size	99% Min. Passing		

Copper (II) Sulphate Pentahydrate

AP Technical Grade - 24.5%

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Molecular weight: 249.68 g/mol

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Properties

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Usage

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Packing

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Typical Properties

Copper (Cu)	≅ 24.5 %	Nickel (Ni)	≅ 40 ppm
Purity	≅ 96 %	Iron (Fe)	≅ 50 ppm
Cadium (Cd)	≅ 10 ppm	Zinc (Zn)	≅ 100 ppm
Arsenic (As)	≅ 10 ppm	Lead (Pb)	≅ 10 ppm
Mercury	≅ 0.5 ppm	Chlorine (Cl)	≅ 50 ppm
Chromium (Cr)	≅ 15 ppm		