

## GENERAL INFORMATION

<b>COMMERCIAL NAME:</b>	Copper Sulfate Pentahydrate CS30
<b>CHEMICAL NAME:</b>	Copper Sulfate Pentahydrate
<b>CHEMICAL FORMULA:</b>	$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$
<b>ACTIVE INGREDIENT:</b>	Copper as metal

## PROPERTIES

Copper as metal:	25.20 % min
Purity:	99.01 % min
Sulfuric acid insoluble :	0.30 % max.
Anticaking:	0.20 – 0.70 %
pH (Sol. 10%):	3.7 – 4.4
Iron (Fe):	250 ppm max.
Zinc (Zn):	50 ppm max
Aluminum (Al):	50 ppm max.
Nickel (Ni):	10 ppm max
Lead (Pb):	20 ppm max.
Cadmium (Cd):	20 ppm max.
Arsenic (As):	3 ppm max.
Mercury (Hg):	1 ppm max.
Dioxins	1 ppt max.
Bulk density (g/mL)	0.85 – 1.3
Screen analysis:	95% min Through U.S. 18 (Typical Size 0.14 – 1.0 mm)
Mesh + 18	0 – 5 %
Mesh +40	75 – 80 %
Mesh +100	10- 15 %
Physical Appearance	Blue Crystal free flowing

Shelf life and storage condition: store in a tightly closed container. Store in a cool, dry, well-ventilated space. It is recommended to be consumed two years after the manufacture date. Although the product after that time does not present degradation.

### Pestell Minerals & Ingredients

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