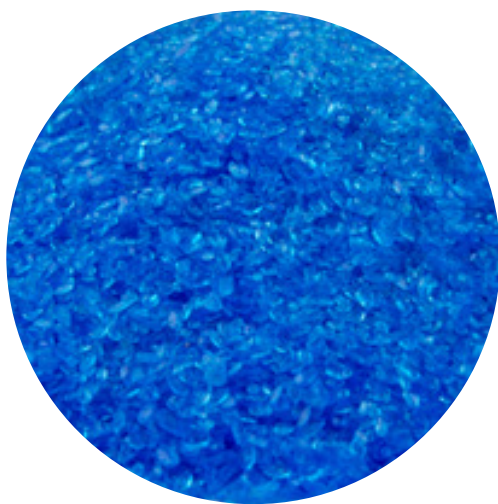


Copper Sulfate Crystal

Palm International's Copper Sulfate Crystal is an extremely high purity, non-caking product for use in the surface finishing, electronics, agricultural and other industrial applications. Palm's Copper Sulfate Crystal is especially suitable for all types of copper plating, including electroless copper plating and contains no anti-caking additive. It is manufactured to demanding specifications from carefully selected raw materials, and is subject to stringent quality control standards and testing.

Store in a cool dry ventilated area away from foodstuffs. Keep containers tightly closed.



Concentration

25.5% - $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$

Appearance

Prismatic Blue Crystals

Contaminants

Measured in ppm

Analysis:

Parameter	Specification	Typical
Purity	99.0 - 102.0%	99.6%
Copper Metal	25.3 - 26.0%	25.4%
Chloride	< 50 ppm	< 30 ppm
Iron	< 25 ppm	< 8 ppm
Lead	< 20 ppm	< 10 ppm
Nickel	< 10 ppm	< 5 ppm
Sodium	< 10 ppm	< 5 ppm
Zinc	< 50 ppm	< 5 ppm
Water Insolubles	< 1000 ppm	< 500 ppm

Shelf Life

If stored, unopened, in its original container, this crystal has an indefinite shelf life.

Packaging

25 kg Polyethylene Bags

Storage / Safety

Store and handle as an acidic metallic compound.