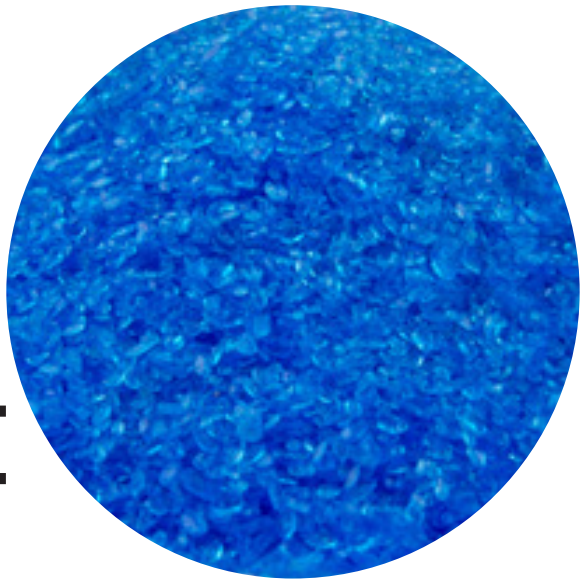
PALM
a umicore company

Copper Sulfate Crystal

Palm's Copper Sulfate Crystal is an extremely high purity, non-caking product for all types of challenging industrial and agricultural 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 testing.



Formula

Copper Sulfate Pentahydrate, $CuSO_4 \cdot 5H_2O$

Appearance

Prismatic blue crystals

Assay

25.5 percent by weight as copper

Analysis

Component	Specification	Typical Result
Purity	99.0 - 102.0%	99.6%
Chloride	<0.005%	<0.003%
Iron	<0.0025%	<0.0008%
Lead	<0.002%	<0.001%
Nickel	<0.001%	<0.0005%
Sodium	<0.001%	<0.0005%
Zinc	<0.005%	<0.0005%
Water Insolubles	<0.1%	<0.05%

Shelf Life:

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

Packaging

25 kg bags

Storage / Safety

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

CAS Number

7758-99-8

1717 J.P. Hennessy Drive • LaVergne, TN 37086 • 615.641.1200 • 615.641.1210 fax

Revised 8/11/14