

Liquid Copper Sulfate

Palm International's Liquid Copper Sulfate is a high purity product produced for use in the surface finishing, printing, ceramic, agriculture and other industrial markets. It is manufactured to demanding specifications from carefully selected raw materials and is subjected to stringent quality control and testing procedures.

Store and handle as a metallic bearing acid solution in a cool dry ventilated area away from foodstuffs. Keep containers tightly closed.



Concentration

2.25 pounds per gallon or 270 g/l of $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ salt

Appearance

Blue Clear Liquid

Contaminants

Measured in ppm

Analysis:

Parameter	Specification	Typical
Copper	66 - 70 g/l	68 g/l
pH	2.5 - 3.5	2.6
Iron	< 15 ppm	3 ppm
Lead	< 3 ppm	1 ppm
Nickel	< 5 ppm	< 1 ppm
Zinc	< 3 ppm	2 ppm
Insoluble Matter	ND	ND
Specific Gravity	1.16 - 1.17 SG	1.17 SG

Shelf Life

If stored at a temperature above 50°F, and in its original container, this solution has an indefinite shelf life.

Packaging

5 gallon pails, 55 gallon drums or 275 gallon totes.

Storage/Safety

Store and handle as an acidic solution.