

# PALM



a **umicore** company

## Liquid Copper Chloride

Palm International's Liquid Copper Chloride is especially produced for use in high quality surface finishing, electronics and other industrial applications. Palm's Liquid Copper Chloride is the purest form available commercially. It is manufactured to demanding specifications from carefully selected raw materials and is subjected to stringent quality control standards and testing.

Store in a cool dry well ventilated area away from foodstuffs. Keep container tightly sealed at all times.



### Concentration

37 oz/gal - Cu

### Appearance

Green Clear Liquid

### Contaminants

Measured in ppm

### Parameter

### Specification

|                           |               |
|---------------------------|---------------|
| Copper                    | 273 - 280 g/L |
| Copper Chloride Dihydrate | 732 - 751 g/L |
| Hydrochloric Acid         | < 20 g/L      |
| Iron                      | < 10 ppm      |
| Lead                      | < 5 ppm       |
| Nickel                    | < 15 ppm      |
| Zinc                      | < 10 ppm      |
| Specific Gravity          | > 1.46 SG     |

### Shelf Life

If stored at a temperature above 35°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 a copper bearing, acidic, oxidizing solution.