



## GFRED-ECO Red gold solution for bath plating 1 g/l (ready-to-use)

- Red gold plating solution
- Greater tarnish resistance
- No free cyanides

GFRED-ECO is a mild alkaline flash gold plating electrolyte that deposits a uniform, bright layer in red gold. The final color produced can be considered a high end fashion red gold color while corresponding to the normalized NIHS standard 6N gold. Though the solution is a mild alkaline formula, it functions without the help of potassium cyanide, therefore there are no free cyanides in the solution. This makes for a safer and non-toxic approach to electroplating. The alloy deposited is more complex than standard red gold plating solutions making GFRED-ECO more resistant to tarnish or oxidization. This red gold plating solution is intended for decorative use as the maximum thickness obtainable is 0.2 micron.

|                              |                   |
|------------------------------|-------------------|
| Metal concentration          | <b>1 g/l (Au)</b> |
| Volume                       | <b>1 liter</b>    |
| Purity (%)                   | <b>99.9</b>       |
| Density (g/cm <sup>3</sup> ) | <b>19</b>         |
| Hardness (HV 0,01)           | <b>90-100</b>     |
| Thickness (um)               | <b>0.1-0.2</b>    |
| Appearance                   | <b>Shiny</b>      |
| Color                        | <b>Red</b>        |



Packaging

### Related products

|                   |  |                   |  |
|-------------------|--|-------------------|--|
| <b>GFRED-ECOC</b> | Concentrated GFRED-ECO solution 1 g/100 ml               | <b>AUS683</b>     | Gold replenisher in salt form (100 g, Gold title: 68.3%) |
| <b>GF10AUR</b>    | Gold replenisher solution 10 g/100 ml                    | <b>GFRED-ECOR</b> | All inclusive replenishment for GFRED-ECO 1 g/100 ml     |
| <b>GFCUR-ECO</b>  | Copper replenishing solution for GFRED-ECO 10 g/l        | <b>GFAGR-ECO</b>  | Silver replenishing solution for GFRED-ECO 1 g/l         |
| <b>GF-SF</b>      | Conductive salts for gold flash plating solutions (1 kg) |                   |  |