



# Laserguard CPS

**Laserguard CPS** is a water-soluble lubricant/inhibitor used to impart a thin film to any copper alloy where both lubricity and corrosion protection is required.

Laserguard CPS is free of: phosphates, chromates, nitrites, and nitrates.

Laserguard CPS is a liquid of low viscosity and can be used at full strength or diluted with water. The lubricating film, upon drying, leaves a clear, shiny surface.

## Features & Benefits

- Clean finish.
- No draw marks or scratched decorative surfaces.
- Equipment easily cleaned with water. No solvents required.
- Used at room temperature to 150 F.
- Non-flammable product - no fire hazard.
- Provides tarnish resistance on brass and copper work.

### Note

When Laserguard CPS is applied by spray, a hood should be provided. However, this is mostly to comply with local regulations.

## Physical Data

Specific gravity	1.03
Vapor Pressure	n/a
Solubility in water	Complete
Appearance and odor	Light yellow with a sweet odor
pH	(conc) 7.5-8.5



## Applications

A common usage of Laserguard CPS is to provide lubricity or sliding action to fasteners such as screws, pins, connectors, bolts and for wire coiling applications. Laserguard CPS is especially indicated where conventional oils or waxes are undesirable or cannot be tolerated.

Concentrations for this application may range from 2 to 25% (vol) with water, for immersion application. After immersion in the Laserguard CPS solution, the parts are best dried by hot air rotary drum drier or vibratory trays. Centrifugal drying may be used, but this is not the preferred method. A heated working solution can also be used to facilitate drying.

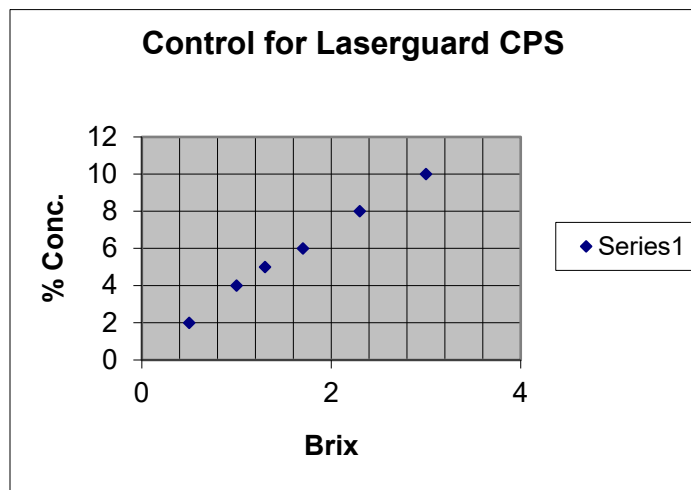
## Control Method

Equipment:

- Brix Refractometer 0-10°

Data:

Brix	% Conc.
0.5	2
1	4
1.3	5
1.7	6
2.3	8
3	10



## Waste Disposal

Discharge to a disposal system. In order to be completely informed on the latest regulations for your area, please contact the local authorities.



**WARRANTY:** THE QUALITY OF THIS PRODUCT IS GUARANTEED ON SHIPMENT FROM OUR PLANT. IF THE USE RECOMMENDATIONS ARE FOLLOWED, DESIRED RESULTS WILL BE OBTAINED. SINCE THE USE OF OUR PRODUCTS IS BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE AS TO THE EFFECTS OF SUCH USE, OR THE RESULTS TO BE OBTAINED.

---

## Our People. Your Problem Solvers.

For more information on this process,  
please call us at 203.756.5521 or email: [techservice@hubbardhall.com](mailto:techservice@hubbardhall.com)

Hubbard-Hall holds certifications for **ISO 9001:2015**, Responsible Distribution, as accredited by the **ACD** (Alliance for Chemical Distributors) and as a **Women-Owned Small Business**, as well as maintaining an association with **Omni-Chem**<sup>136</sup>.