

Lusterbrite CBA

Lusterbrite CBA is a liquid cleaner-burnishing compound especially formulated for both conventional barrel and vibratory finishing operations. Lusterbrite CBA is especially indicated for use on **copper, copper alloys, brass, aluminum, and stainless steel**.

Lusterbrite CBA possesses exceptional detergent and brightening properties, permitting its use on many moderately dirty or oily surfaces, and tarnished copper and brass.

Lusterbrite CBA contains DfE acceptable surfactants and solubilizers designed to remove forming lubricants, machining oils.

Features & Benefits

- Exceptional Brightening of Copper and Brass
- Highly Concentrated
- High Detergency
- DfE approved wetting and solvent system
- Readily dissolves metallic soaps
- Contains no mineral acids
- No chloride
- Non-fuming
- No citric acid or other chelating agents

Physical Data

Specific gravity	1.04
Solubility in water	complete
Appearance and odor	light amber, clear, mild odor
pH 10% solution	1.0 to 2
pH concentrate	<1

Operating Conditions

2% to 10% (volume) - the dilution will depend upon the soils involved. The rate at which soils, and oxides are removed can be affected by build-up of other metallic salts in the working solutions. This may be compensated for to some extent by increasing the temperature and or the solution concentration.

Temperature	room to 170 °F (77 °C)
-------------	------------------------

Used as a burnish compound or in an oblique barrel operation a concentration of 2 to 5% by volume is recommended. For the removal of heavier oxides concentration of 5 to 10% by volume may be required.

Equipment	stainless steel, polypropylene, polyethylene, fiberglass, or rubber lined tanks
Heater	stainless steel or nickel-plated steel piping

Control Procedure

TITRATION METHOD

1. Take a 25.0 ml sample of Lusterbrite CBA solution into a 250 ml Erlenmeyer flask and dilute to 50 ml with water.
2. Add 3 to 5 drops of phenolphthalein.
3. Titrate to pink endpoint with 0.1 N sodium hydroxide solution.
4. Record ml of sodium hydroxide used.

**% by Volume Lusterbrite CBA = # ML OF 0.1 N Sodium Hydroxide Used x 0.43
(correction factor).**

Test Kit Method

1. Fill sample bottle 1/2 full of water.
2. Using the syringe provided, place a 5.0 ml sample into sample bottle.
3. Add 5 drops of phenolphthalein indicator.
4. Add 1.0N Sodium Hydroxide drop wise until solution turns light pink.

% by Volume Lusterbrite CBA = # Drops 1.0N Sodium Hydroxide x 0.7(correction factor).



Product Bulletin

Product Name: Lusterbrite CBA

Product Code: 2103006

Revision Date: May 8, 2025

Waste Disposal

Neutralize solutions of Lusterbrite CBA to a pH of 6 to 8 with either caustic soda or soda ash before discarding. In order to be completely informed on those latest waste disposal regulations for your area; please contact the local authorities.

Caution

Lusterbrite CBA is an acidic product; avoid skin, eye and oral contact. Wear protective clothing, facemask, chemical goggles, and gloves when handling the product and its made-up solutions. Flush exposed areas immediately with copious amounts of clean, cold water. Contact a doctor immediately in case of injury.

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

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**¹³⁶.