



Product Bulletin

Better Chemistry. **Better Business.**

Burnishing Compound CP Special

Product Code: 2103013
Revised Date: 09/01/2006

Burnishing Compound CP Special

Burnishing Compound CP Special is powdered alkaline product used in a barrel operation (closed or open) for removing light rust and scale from steel or cast irons while producing a high luster on these metals.

Burnishing Compound CP Special is a phosphate and cyanide free product.

Burnishing Compound CP Special is a non-foaming product used exclusively for burnishing ferrous metals. If the work has fabrications oil on its surface, pre-cleaning will be required before processing this product.

ADVANTAGES

- Gives superior results in preparing steel parts for electroplating. Parts treated show a marked improvement in adhesion and brightness of finish, especially in difficult, recessed areas.
- Non-abrasive and completely soluble in water.
- Forms free rinsing solutions.
- Provides the high lubricity essential for good burnishing.
- Contains special inhibitors that guard against excessive wear or pitting of steel media or equipment.
- Contains agents that prevent redeposition of rust and scale residues removed in the tumbling operation.
- Effective in either hard or soft water.

CONCENTRATIONS & OPERATING RECOMMENDATIONS

Use only on ferrous metals. Non-ferrous metals such as aluminum, zinc or brass will be attacked. Use 2 to 6 ounces per gallon of water (15 to 45 gms/l) in steel or lined tumbling barrels. Either oblique or closed horizontal barrels are satisfactory. Parts may be self-tumbled or used with steel or chip media.

TANK MAKE UP PROCEDURE

Considerable heat is generated when **Burnishing Compound CP Special** is dissolved in water. A new solution should be prepared by filling the tank half of warm water (approx. 100F, 37C), and slowly adding **Burnishing Compound CP Special** while continuously stirring. After



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the **Burnishing Compound CP Special** has been dissolved, add the remainder of the cold water. Heat or cool to desired operating temperature before use.

Note: When adding **Burnishing Compound CP Special** to an operating solution, add slowly to avoid solution eruption.

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.

CAUTION

Burnishing Compound CP Special contains caustic soda. Avoid contact with skin and eyes. Wear protective clothing, goggles and rubber gloves. Flush exposed areas immediately with clean, cold water. In case of injury, contact a doctor immediately. Consult MSDS for details.

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.