



Metal Finishing Systems

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## PRESTO KLEEN® HP Alkaline Cleaner

### Operating Instructions

#### PRODUCT DESCRIPTION

PRESTO KLEEN® HP cleaner is a heavy-duty, alkaline soak tank cleaner designed to remove cutting oils, coolants or other surface soils from iron and steel components. Supplied as a free-flowing powder, PRESTO KLEEN HP mixes easily in warm water and rinses freely. PRESTO KLEEN HP cleaner works effectively with any metal finishing process – blackening, phosphatizing or electroplating. It rapidly removes surface soils, with high oil holding capacity.

#### OPERATING CONDITIONS

Bath Makeup	For light soils: 4-8 oz/gal; 120-140° F For heavier soils: 8-12 oz/gal; 150-190° F
Immersion Time	5-10 minutes, as needed.
Equipment Construction	Tank: Mild steel or stainless steel Immersion heaters: 304 stainless steel Use about 80-100 watts per gallon
Ventilation	Desirable. Some water vapor is generated
Agitation	Desirable for densely loaded racks Use recirculation pump or air sparger

#### BATH MAINTENANCE

As the PRESTO KLEEN HP absorbs oils from processed parts, its cleaning efficiency will gradually diminish and its pH will drop. Fresh PRESTO KLEEN powder should be added to keep the bath up to proper strength.

The pH of the bath should be at 12-13. Add HP powder if pH drops below 12. If an oil slick develops on the liquid surface, or the parts are not water-break free when rinsed, add HP powder in an amount equal to one fourth of your original makeup. For example, in a 100 gallon tank, your original makeup would normally require 50 pounds of PRESTO KLEEN HP powder. Replenishing the tank would call for one fourth of that amount, or about 12 pounds of PRESTO KLEEN powder. This addition should eliminate the oil slick and restore normal pH and cleaning ability. When the total replenishment equals the same amount of PRESTO KLEEN powder used for original bath makeup, it is time to dump the bath and mix a fresh bath to maintain optimum cleaning efficiency.

## **PACKAGING**

40 pound and 400 pound non-returnable containers. Store in closed container in a dry area.

***Before Using This Product – Please Read, Understand and Follow all the Precautions shown on the Product Label and on the Material Safety Data Sheet.***

The Material Safety Data Sheet can be found on our website: [www.birchwoodcasey.com](http://www.birchwoodcasey.com)

**Apply Appropriate Labels to any Container used to Store or Apply this Product.**

**NOTE:** The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, Birchwood Laboratories, Inc. makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular purpose. Accordingly, Birchwood Laboratories, Inc. will not be responsible for damages of any kind resulting from the use of or reliance upon such information.

PRESTO KLEEN® HP Powdered Cleaner (Product Numbers 870160, 870175)  
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