

# POROKLEEN PH

## ELECTROLYTIC CLEANER FOR ALLOY SURFACES

POROKLEEN PH is an alkaline powder cleaner used for electrolytic cleaning of steel, copper, brass, bronze, cast zinc, nickel and stainless steels. Provides the high conductivity necessary for efficient electrolytic cleaning with high transport capacity. POROKLEEN PH can also be used for immersion cleaning.

### BENEFITS

- Balanced mixture of alkaline additives and surfactants in POROKLEEN L sustain a long product life
- Buffering agents prevent corrosion attack on metal surfaces during anodic plating

### PHYSICAL PROPERTIES

Appearance	Powder	Solubility	Water soluble	Flammability	Non flammable
Colour	White	pH	13.1	Density	N/A
Odor	Odourless	Flash Point	N/A		

### AVAILABLE FORMATS



20L

20DEP01P

205L

20DEP01D

### LEGISLATION

WHMIS Regulated

### SAFETY & HANDLING

Dispose of container and its contents in compliance with all applicable regulations.

Refer to safety data sheet for additional information.

**USE PROCEDURES**

Immersion Bath Solution: POROKLEEN PH should be added to cold water while stirring. When charging a production tank, slow addition of POROKLEEN PH is recommended. The POROKLEEN PH solution concentration is maintained with periodic additions of cleaner to compensate for volume losses consumed during cleanings and solution drag out.

## Operating Parameters:

## Steel and Copper

Concentration: 45 to 90g / L - Temperature: 66°C - 93°C

Immersion time: 1 to 5 min. - Polarity: anodic (reverse)

## Brass, Bronze, Zinc die cast

Concentration: 60g to 120g / L - Temperature: 55°C - 65°C

Immersion time: 15 to 120 seconds - Polarity: anodic (reverse)

## Nickel, &amp; Stainless Steel

Concentration: 60g to 120g / L - Temperature: 55°C - 65°C

Immersion time: 60 to 120 seconds - Polarity: Cathodic (direct)

Note: Steel and copper are electro cleaned at higher concentrations of POROKLEEN PH, and higher temperatures and current densities than brass and zinc die cast. In operations where different multi-metals are cleaned in the same tank, use the concentration and temperatures recommended for brass and zinc die cast, but vary each metal's immersion times following recommendations above.

Equipment: Tanks and accessory components (e.g., immersion heaters) should be fabricated from chemically resistant mild or stainless steels. Racks, baskets and barrels must be compatible with all metal finishing solutions used. Do not use galvanized steel, bronze, copper, tin or aluminum.

CONTROL METHODS: Integrity Of the solution is determined either by refractometer or titrations; contact your DeaneCo representative for recommendations and procedures.

CONSULT WITH YOUR DEANECO REPRESENTATIVE FOR PRODUCT'S APPLICATION AND OPTIMAL USE.

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