



CHEMICALS

Cal Pac Chemical Co., Inc.

A Cleaning Compound for your Needs

LECTRO KLEEN Z

Alkaline cleaner for Zinc Die Castings:

Lectro Kleen “Z” : Is a highly detergent alkali cleaner for rapid and efficient cleaning of most metals met in the plating room. It can be used either as a soaker or as an electrolytic cleaner. The cleaner is buffed so that there is little or no attack on almost all the metals that must be cleaned. It is usually used anodically. Experience has shown that anodic cleaning is far superior to cathodic cleaning in almost all cases. No metallic smut is deposited, no hydrogen embrittlement results and in addition, there is an invisible oxidation of the metal which, when removed in acid solutions, will result in a clean active surface very suitable for high bond strength of the electro-deposit.

Lectro Kleen “Z”: Is very stable to electrolysis and maintains its detergency for long periods of time. In automatic plating cycles, it can be used both as a soak cleaner, and an electro-cleaner in either the same tank, or in separate tank.

Cleaning Zinc based Die Castings:

Lectro Kleen “Z”: Is particularly suitable for rapid cleaning of Zinc Base Die Castings to produce a surface that will over come any tendency for the copper plate to blister. A concentration of 6 ounces per gallon of **Lectro Kleen “Z”** is used in the temperature range from 160° F. to 180° F. The Zinc Die Casting should be made, the anode and current densities from 10 to 50 amps. per square foot can be used, with cleaning times ranging from 10 seconds to 60 seconds. Longer cleaning times at low current densities can be tolerated if necessary. The recommended conditions of cleaning are 25 amps. per square feet for 30 seconds. After cleaning, the usual dilute acid dips should be used before plating.