

# LIQUID ACID REPLACEMENT PRODUCTS

## ALDAC 16-AR

Formulated salts for use as a replacement for liquid acids. Especially effective in acid dips for zinc based die casting cleaning cycles, since choice of surfactants used is completely compatible with all cyanide copper plating processes.

## ALDAC 16-ARS

Formulated salts for use as a replacement for liquid acids. Especially effective in acid dips following the cleaning step on copper surfaces prior to nickel electroplating. The choice of surfactants used is completely compatible with all semi-bright and bright nickel plating processes.

## ALDAC 112

Formulated for use as a replacement for liquid acids in various applications. Aldac 112 eliminates the safety and handling problems associated with the use of liquid acids.

Aldac 112 solutions are perfect for use as activating dips for steel, iron, brass, copper and zinc-base die-castings. The formulation is such as to produce brighter and cleaner surfaces, resulting in better adhesion and more uniform plating deposits. The Aldac 112 can be used effectively as a pickling solution for removal of rust, heat-treating and welding scale. The material can be used on automatic, hoist-operated, and manual installations.

## ALDAC 365-L

Aldac 365-L is formulated for use as a liquid inhibitor for hydrochloric acid pickling solution.

Aldac 365-L in conjunction with hydrochloric acid is used for the bright pickling of steel to remove mill scale, rust, and other forms of oxides with minimum attack on the exposed surface.

## ALDOHIB 98-L

An organic type inhibitor formulation for use in sulfuric acid pickling solutions for the preparation of chemically clean steel surfaces prior to metallic coatings there on.

Aldohib can be easily rinsed off the pickled steel surface and therefore, can be used in acid pickling solutions that do not have an alkaline cleaner following the pickling step.