

ABCO Electrocleaner 820

[ABCO Products of Sacramento](#)

Primary Usage

ABCO Electrocleaner 820 is an excellent all purpose cleaner for steel, brass and copper. The material is buffered so that it minimizes attack on almost all metals that will be cleaned. Anodic cleaning is much preferred over cathodic.

Application

ABCO 820 at 8 ounces per gallon is an excellent material for cleaning copper without tarnish. Current densities from 10 to 50 amps/ sq. ft. can be used. Processing will take from 30 seconds to 5 minutes depending on parts being processed.

Brass cleaning with 820 at 6 ounces per gallon and current densities are 25 amps/ sq ft. Nickel brass or nickel silver is cleaned as above.

Cleaning of steel with 820 at concentrations from 8 to 12 ounces per gallon. Current densities can range up to 100amps/sq. ft.

Cleaning temperature for all processes will be 140°F to 160°F.

Chemical Composition

Medium Alkaline Cleaner

Performance Data

ABCO Electrocleaner 820 will clean brass and copper without tarnish and will remove oils, compounds and shop soils.

Analytical Procedure

1. Pipette 5 ml sample into a 250-ml beaker and add 100 ml distilled water.
2. Add 2-3 drops of phenolphthalein indicator
3. Titrate with standard 1.0 N HCl until pink color disappears
4. Calculations: Oz/gal ABCO 820 = (ml 1.0 N HCl) x (1.385)

Caution: Electrocleaner 820 solution is alkaline and can cause burns.
Exercise caution in their use. Avoid contact with skin, eyes and clothing.
Wear protective equipment when handling.

8255 Alpine Avenue, Ste A • Sacramento, CA 95826 • Ph: (916) 447-9931 • Fax: (916) 443-7466