



# Ultrex EJ

Ultrex EJ is a mild, high detergency alkaline electro cleaner for the cleaning of brass, white metal, lead alloys and other non-ferrous materials. Ultrex EJ is inhibited and buffered so that it can be used anodically on brass and other sensitive materials without tarnishing them or attacking the surface. Ultrex EJ is an excellent cleaner for parts fabricated from a combination of metals and particularly effective on soldered materials.

Ultrex EJ is formulated to give complete service over extended periods. It is a free-rinsing material, containing no soaps and will not leave a residue on the work after rinsing or acid dipping. Ultrex EJ is also recommended as an efficient soak cleaner for brass and other alkali sensitive metals.

## Features & Benefits

Mild high detergency alkaline electro cleaner for brass, white metal, lead alloys, and other non-ferrous metals	Excellent for soldered materials
Inhibited and buffered	Won't tarnish or attack surface

## Operating Conditions

Concentration	4 – 6 oz/Gal
Temperature	160°F – 180°F
Voltage	3 – 6 volts, anodic at 10 – 50 amps/ft <sup>2</sup>
Equipment	Mild steel tank and anodes. Tank may be heated by steel steam coils, steel immersion heaters or heated direct gas firing. Bus bars on tank and to and from rectifier should be enough size to carry the expected currents.
Control	Concentration of cleaner can



	be determined by titrating its alkalinity with any standard acid or by titration with a kit supplied with the cleaner.
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## Caution

Ultrex EJ is an alkaline-based material. Contact with skin and eyes should be avoided. In case of contact with skin, affected area should be thoroughly flushed with water; for eyes, flush with water for fifteen (15) minutes and obtain medical attention. When

Ultrex EJ is added to water, heat is generated. When mixing the cleaner, add Ultrex EJ in small amounts to cool water with frequent stirring.

Note: Read appropriate safety data sheet prior to using this product.

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## Our People. Your Problem Solvers.

For more information on this process,  
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