

E-STRIP 949 RTU

“Immersion, Non-Cyanide Stripper for Stripping Nickel and other Nickel Alloys from Steel and other Substrates”

EPI's E-Strip 949 RTU was developed to eliminate the use of cyanide and short-lived compounds for stripping nickel from steel rapidly. **E-Strip 949 RTU** is one component immersion nickel stripper that can be operated at room temperature without current. Not only does **E-Strip 949 RTU** strip nickel from steel, but it will strip nickel from common substrates such as copper and brass. It is also long-lived and it does not fume when used.

FEATURES

- Cyanide Free Process
- Easily Waste Treated
- Strips Both Electrolytic and Electroless Nickel
- No Fumes when Used
- Room Temperature Operation to 140°-190°F
- Much faster stripping rate than immersion strippers

BENEFITS

- Eliminates Use of Cyanide
- Reduces Waste Treatment
- Greater Thru-Put for Economy of Operation

OPERATING CONDITIONS:

Concentration: 100% by volume

Operating pH: Optimum pH 9.5-10.5.

Tank: Stainless Steel.

Temperature: Room temperature to 140° - 190°F. Higher temperatures increase stripping rate.

Time: Approximately 1 mil per hour

MAINTAINING LIFE OF THE BATH

Generally, the bath should be maintained by titration and should the stripping rate become excessive discard the **E-Strip 949 RTU**.

E-Strip 949 RTU Analysis

Reagents: DI Water
Phenolphthalein
1.0 N HCl

Procedure:

1. Pipette 10 ml sample of **E-Strip 949 RTU** into a 250 ml Erlenmeyer flask
2. Add 50 ml of DI water
3. Add 5 to drops of Phenolphthalein
4. Titrate with std. 1.0 N HCl to a clear endpoint
5. Calculations: % **E-Strip 949 RTU** = $9.75 \times \text{ml of 1.0N HCl}$

WASTE TREATMENT

E-Strip 949 RTU is an alkaline solution and must be neutralized before discharging into a sewage system. Local, state and federal authorities should be contacted as to waste effluent regulations, especially in regard to nickel content in waste effluent, in your particular area.

WARRANTY

This product is guaranteed upon shipment from our plant. If the use recommendations are followed, desired results will be obtained. Since the use of our product is beyond our control, no guarantee expressed or implied is made as to the effects of such use or the results to be obtained.

STANDARD PACKAGING

E-STRIP 949 RTU - 5-gallon pail and 55-gal drum, non-returnable containers