



# Product Bulletin

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## STRIPOL NI ULTRA

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**STRIPOL NI ULTRA** is a non-regulated, one component liquid designed to rapidly strip nickel and nickel alloys from all substrates typically encountered in the metal finishing industry. Additionally, **STRIPOL NI ULTRA** is especially formulated to strip nickel from high current density areas. This product is slightly alkaline and can be used at room temperature without the need of electrical current.

### ADVANTAGES

- Non-regulated
- No phosphates
- One component liquid
- Excellent thermal stability
- Non-fuming
- Long bath life
- No fluorides, cyanides, or caustics

### OPERATING CONDITIONS

Concentration .....50 to 100% (Full Strength)  
Temperature .....Room temperature to 180 °F  
Immersion Time ..... 30 minutes to 120 minutes  
Equipment..... Rotating barrel/rack with stainless steel tank  
Control .....Discard when stripping times become excessive

### TITRATION PROCEDURE

The usual procedure is to discard the **STRIPOL NI ULTRA** solution when the stripping rate becomes excessively long. However, there are times when a titration procedure is of value.

1. Pipet 10.0 mL of **STRIPOL NI ULTRA** bath sample into a 250 mL Erlenmeyer flask. Add 50 mL DI water and 10 drops of phenolphthalein indicator with mixing.
2. Titrate with 0.5N HCl to a colorless endpoint. Record the mL of titrant used.

Calculation:

$$\% \text{ STRIPOL NI ULTRA} = 4.76 \times (\text{mL of 0.5 N Hydrochloric Acid used})$$

## **STRIPOL NI ULTRA**

### **WASTE DISPOSAL**

AQUAPURE P601 may be used to precipitate the nickel in **STRIPOL NI ULTRA**. If the precipitate is difficult to settle, AQUAPURE AN may be used to separate the phases quickly. Dispose of in accordance with all local, state and federal regulations.

### **WARRANTY**

THE QUALITY OF THIS PRODUCT IS GUARANTEED ON SHIPMENT FROM OUR PLANT. IF THE USE RECOMMENDATIONS ARE FOLLOWED, DESIRED RESULTS WILL BE OBTAINED. SINCE THE USE OF OUR PRODUCTS IS BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE AS TO THE EFFECTS OF SUCH USE, OR THE RESULTS TO BE OBTAINED.