

Stripol NI Ultra

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 chemical is slightly alkaline and can be used at room temperature without the need of electrical current.

Elemental sulfur can be added at a ratio of 1 ounce of elemental sulfur per gallon of Stripol™ NI Ultra to inhibit copper contamination when stripping nickel from copper based substrates.

Features & Benefits

No fluorides, cyanides, or caustics	Non-regulated
Single component liquid	Easier to use and replenish
Excellent thermal stability	Long bath life

Physical Data

Specific gravity	1.15
Solubility in water	complete
Appearance and odor	Yellow liquid with a Bleach odor
pH	10.0

Operating Conditions

Concentration	50 – 100% (Full strength)
Temperature	Ambient – 180°F
Immersion time	30 – 120 minutes
Equipment	Rotating barrel/rack with stainless steel tank
Control	Discard when stripping times become excessive

Typical Applications

- Reworking of nickel-plated parts
- Removal of nickel bonded abrasives

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 mL of Stripol NI Ultra bath sample into a 250 mL Erlenmeyer flask.
2. Add 50 mL DI water and 10 drops of Phenolphthalein indicator with mixing.
3. Titrate with 0.5 N Hydrochloric Acid until the Pink Color disappears.
4. Record the mL of titrant used.

Calculation

$$\text{Concentration} = \text{mL of 0.5 N HCl} \times 4.76$$

Waste Disposal

Please contact your Hubbard-Hall Representative to determine which Aquapure may be used to precipitate the nickel in spent solutions of Stripol NI Ultra. If the precipitate is difficult to settle. 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.

Our People. Your Problem Solvers.

For more information on this process,
please call us at 203.756.5521 or email: techservice@hubbardhall.com

Hubbard-Hall holds certifications for **ISO 9001:2015**, Responsible Distribution, as accredited by the **ACD** (Alliance for Chemical Distributors) and as a **Women-Owned Small Business**, as well as maintaining an association with **Omni-Chem**¹³⁶.