

Strip Cleaner 3

Strip Cleaner 3 is a liquid, alkaline, soak-electro cleaner developed for cleaning metals in wire strip line or in a reel-to-reel operation. Strip Cleaner 3 may be used for cleaning: copper, copper alloys, brass and bronze alloys when processed in any of the above operations.

Features & Benefits

- Low foam - important in a reel-to-reel cleaning operation
- Phosphate free
- Chelator free
- Liquid product - readily soluble
- Good conductivity - important in electro cleaning

OPERATING CONDITIONS AS A SOAK CLEANER OR SOAK-ELECTRO

Concentrations	5 to 10% by volume
Temperature	130F to 190F
Time	5 to 25 seconds
Current Density	20 to 50 amps/sq. ft (2.0 to 5.0 amps/dm ²). (when used as soak-electro).
Equipment	mild steel or polypropylene tanks, anodes and heating coils.
Ventilation	as required

Controls

Titration procedure

1. Pipette a 20 ml sample into a 250 ml Erlenmeyer flask.
2. Add 30 mls water and 5 drops phenolphthalein into flask; Swirl flask to ensure complete mixture.
3. Titrate with 0.5 n HCl until solution turns colorless.
4. Record mls 0.5 n HCl used.

$$\text{CONCENTRATION STRIP CLEANER 3(\% VOL)} = 0.41 \times \text{MLS } 0.5 \text{ N HCL USED}$$

Test kit procedure

1. Fill the sample bottle one-third full with water.
2. Add 1.0 ml sample Strip Cleaner 3.
3. Add 8-10 drops methyl orange indicator.
4. Add N-94 solution dropwise until color turns from yellow to orange. Record number of drops.

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$$\text{CONCENTRATION STRIP CLEANER 3(\% VOL)} = 0.42 \times \text{DROPS N-94 SOLUTION}$$

Waste Disposal

Discharge to a disposal system. In order to be completely informed on the latest regulations for your area, please contact the local authorities.

Caution

Strip Cleaner 3 is an alkaline product and should be handled accordingly. Avoid skin, eye and oral contact. Wear protective clothing, gloves and goggles when handling the product. Flush exposed areas immediately with clean, cold water. Contact a doctor immediately in case of injury.

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.



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Product Bulletin

Product Name: Strip Cleaner 3
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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.