



# PRODUCT INFORMATION

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EMERGENCY - MARTRON 704-289-1934

**CHEMTREC 800-424-9300**

REF. # MFC-004015 and 004016

## MARTRON MARSTRIP CU Copper Strip Solution

**Martron Marstrip CU** is a two-component immersion non-cyanide and chrome free strip for copper that will not attack steel substrates when used as directed.

### Section 1: Features and Benefits

1. Cyanide and Cr free
2. Recyclable
3. Room temperature operation

### Section 2: Operating Parameters

1. Temperature – ambient. **DO NOT HEAT!**
2. Agitation - Mechanical only
3. pH – 9.3 minimum
4. Copper content – 10 oz/gal

### Section 3: Recommended Equipment

1. Plastic tanks such as CPVE, PVC, or polyolefins are highly recommended.
2. Steel tanks are acceptable, but not recommended for maximum performance.
3. Proper ventilation should be in place due to the product being ammonia based.

### Section 4: Solution Make-Up

1. Working solution will be 4-parts **Martron Marstrip CU Part A** to 1-part **Martron Marstrip CU Part B**.
2. Fill tank halfway with **Martron Marstrip CU Part A**.
3. Turn on agitation and add remaining amount of **Martron Marstrip CU Part A**.
4. Slowly add **Martron Marstrip CU Part B** to finish make-up.
5. Check pH and ensure it is at 9.3 or higher. If it is below 9.3, add additional **Martron Marstrip CU Part a** until pH exceeds 9.3.

### Section 5: Safety Information

Follow Safety Data Sheet (SDS) information for products used in this process.

**Section 6: Troubleshooting Guide**

<u>COMMON PROBLEMS</u>	<u>CAUSES</u>	<u>SOLUTION</u>
Pitting of steel	Low pH	Add <b>Martron Marstrip CU Part A</b> to raise pH to 9.6 or higher
	Excessive chlorides	Add a 5% volume amount of <b>Martron Marstrip CU Part A</b> . If pitting continues, dump bath and start over. Do NOT over add <b>Martron Marstrip CU Part B</b> .
Corrosion of steel after stripping	Low pH	See above
	Acidic rinse water	Make up rinse tank with 10% <b>Martron Marstrip CU Part A</b> to raise pH above 9.0. Heated rinse water will aid in drying and reduce corrosion chance.
Low strip rate	Low pH	See above.
	High copper level	Copper in the bath will aid in stripping until the bath exceeds 12 oz/gal. Add <b>Martron Marstrip CU Part A</b> in small increments (no more than 10% at a time) to reduce copper levels and reactivate the bath.
Rapid pH drop	Overheating/over venting	Tank should be covered when not in use and kept below 80° F.

**Section 7: Waste Disposal**

Waste treatment must be done by a trained waste treatment operator with knowledge of similar processes prior to discharging to municipal water supply.

**Section 8: Non-Warranty**

The data contained in this bulletin is believed by **Martron Inc.** to be accurate and complete. Since however, final methods of use of these products are in the hands of the customer beyond our control, we cannot guarantee that the customer will obtain the results described in this bulletin. We cannot assume any responsibility for the use of this product by the customer in any process which may infringe the patents of third parties. Follow all federal, state and local requirements.