



Product Overview

Spray Clean 1310 **Equipment Cleaner**

Product Description

Spray Clean EC-1310 is a concentrated, acidic cleaner designed specifically to clean residues from ferric chloride etching systems.

Physical Properties

Specific gravity:	1.24
pH:	< 2
Appearance:	clear, water white liquid
Flash point:	> 200 °F

Operating Parameters

Concentration:	20% v/v
Temperature:	120 – 130 °F
Dwell Time:	1 - 4 hours depending on equipment condition

Typical Cleaning Cycle

1. Drain and rinse process sump.
2. Fill sump two-thirds full with warm water.
3. Add 20% v/v SC-1310.
4. Fill to level with warm water.
5. Heat cleaning solution to 125 °F. (DO NOT exceed temperature limit specified by equipment manufacturer)
6. Recirculate solution with nozzles in place for 1 - 4 hours or until process module is clean.
7. Save working cleaner for future use. EC-1310 can be used until pH is greater than 3.
8. Rinse process module thoroughly and recharge with working solution.

Storage

Store in original containers above 40 °F.

Safety

CAUTION! EC-1310 concentrates and working solutions are acidic. Avoid contact with eyes, skin and clothing. Wear chemical handler's gloves, goggles and protective clothing when handling. Read and understand Material Safety Data Sheet before using this product.

Notice

The information and recommendations, contained herein, regarding this product are, to the best of our knowledge, true and accurate. We make no guarantee of results because the conditions of actual use are beyond our control. We assume no liability for damages or penalties resulting from the use of this product or following our recommendations. Our recommendations and suggestions for use of this product are not intended to grant license to operate under or infringe any patent.