



RBP Chemical Technology, Inc.

150 S. 118th ST. • P.O. Box 14069

Milwaukee, WI 53214-0069

www.rbpchemical.com

corporate: 800-558-0747

fax: 414-258-7908

Product Data Sheet

Date: 05/24/01

Supersedes: 12/19/00

PRODUCT #: N8678

CITRISUMP

Acid Equipment Cleaner

DESCRIPTION: An acidic equipment cleaner designed for use in developers and resist strippers. ***CITRISUMP*** is exceptionally effective on solder mask developer residues, carbonate residues, and hard water scale. Its organic acid formula is effective without generating noxious fumes.

BENEFITS:

- **Removes hard water scale, solder mask and carbonate residues**
- **Easy to use liquid formula**
- **No hazardous fumes**
- **Hydrochloric-acid free**

SPECIFICATIONS:

Density: 1.26 gm/ml, 10.5 lbs./gal.
Flash Point (TCC): None
Shelf life: One year

INSTRUCTIONS:

Concentration: 20% by volume
Temperature: 110° - 130°F

Drain spent solution from machine, fill with water and circulate to remove residual resist. Drain rinse water. Fill sump three-fourths full with water. Add 20% by volume of ***CITRISUMP***, fill to maximum level with water, and heat to desired operating temperature. Circulate the cleaning solution through the machine for one hour, or until residues are removed. Recommended operating temperature is 130° F; if used at 110°, it will take approximately twice as long to clean. Drain cleaning solution, fill machine or tank with water, and circulate for 10 minutes. Check pH of rinse solution to determine if further neutralization is necessary. Drain completely, and make up new developer, stripper or other working solution.

For heavy scale buildup, more than one treatment may be necessary. Working solutions of ***CITRISUMP*** may be re-used until the pH reaches 3.0.

CAUTIONS:

CITRISUMP is acidic; safety glasses or goggles and gloves should be worn when handling this product. Avoid contact with skin and eyes. Refer to Material Safety Data Sheet for further information.

DISPOSAL:

If first rinse contains resist residue, treat as spent resist stripper. Analyze spent ***CITRISUMP*** for metal content. If necessary to treat for metal removal, adjust pH to 8.0 – 8.5, and add ***CHEMTREAT 5000*** according to instructions on technical data sheet. Dispose of treated material in accordance with all local, state and federal regulations.

This product should be used only for its intended purpose. The information stated above is based on our laboratory tests and experience, and is accurate to the best of our knowledge. Since actual use is beyond our control, the recommendations or suggestions are made without warranty, expressed or implied.