

ARMAKLEEN® E-2001SC

A Superior Aqueous Cleaner

DESCRIPTION

ARMAKLEEN E-2001SC is an environmentally sensible, inorganic based, aqueous cleaner designed to clean solder paste from stencils and screens used in the manufacture of surface mount electronic assemblies. **ARMAKLEEN E-2001SC** has a very low viscosity, causes minimal residue on the equipment, does not harm epoxy and will not discolor brass. The product offers a wide range of technical and environmental benefits and can be used in most aqueous screen cleaning equipment.

READ ENTIRE TECHNICAL DATA SHEET BEFORE USING THIS PRODUCT

FEATURES & BENEFITS

- No VOC. Meets EPA emissions Test 24.
- Non-toxic. No special safety, handling or storage.
- Non-hazardous. No SARA 313 and WHMIS reporting requirements.
- No Amines/Glycol Ethers. Enhanced worker safety.
- Non-flammable. Safe in any cleaning equipment.
- No odor for operator comfort.
- Very low BOD/COD. Easy disposal.
- Inorganic chemistry. Simple effluent treatment.

APPLICATION GUIDELINES

Process - ARMAKLEEN E-2001SC is supplied as a liquid concentrate and diluted in use with tap or deionized water, typically 10% ARMAKLEEN E-2001SC by volume.

Operating Temperature - The product formulation is designed for relatively low temperature operation, typically 100 to 130 °F.

Rinsing - Following cleaning with ARMAKLEEN E-2001SC, stencils and screens should be rinsed with either tap or deionized water heated to 100 to 130 °F (38 to 54 °C).

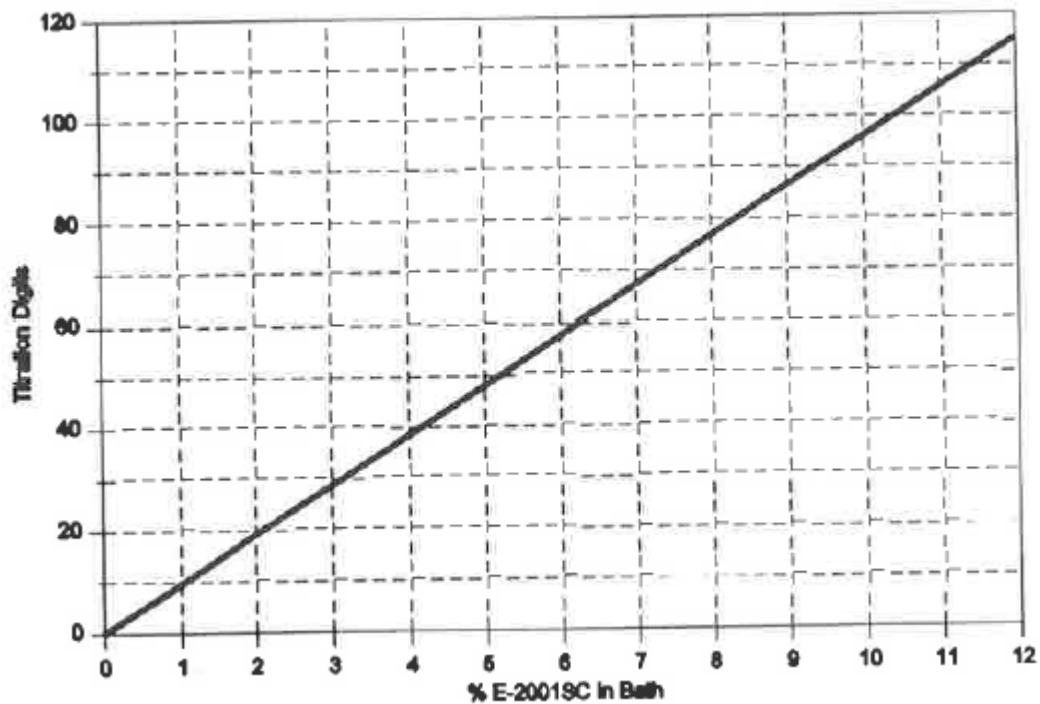
Equipment - ARMAKLEEN E-2001SC low foaming formulation can be used in most aqueous screen cleaning equipment.

Control - ARMAKLEEN E-2001SC concentration in the wash bath is controlled by a simple titration. The Hach Company Test Kit, available from Alpha Assembly Solutions, is recommended.

Procedure:

1. Measure accurately 10ml of wash bath sample.
2. Add 2 to 3 drops of phenolphthalein indicator, swirl until pink in color.
3. Titrate with 8N Hydrochloric acid until pink color becomes permanently colorless.
4. Note the digital reading and read the percent concentration from the chart below.

ARMAKLEEN E-2001SC Bath Concentration



TECHNICAL DATA

Item	Typical Values	Item	Typical Values
Appearance	Clear	Flash Point	None
Odor	None	Shelf Life (from Date of Mfg.)	720 Days
Specific Gravity	1.11	BOD	120 mg/L
pH 10% solution	10.9	COD	83,000 mg/L
Viscosity	10 cps	VOC	None

AVAILABILITY

ARMAKLEEN E-2001SC stencil and screen cleaner is available in 1, 5 and 55 gallon containers.

SAFETY & WARNING

It is recommended that the company/operator read and review the Safety Data Sheets for the appropriate health and safety warnings before use. **Safety Data Sheets are available at AlphaAssembly.com**

STORAGE

The product should be stored above freezing and less than 120 °F.

CONTACT INFORMATION

**To confirm this document is the most recent version, please contact
Assembly@MacDermidAlpha.com
www.macdermidalpha.com**

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Also read carefully warning and safety information on the Safety Data Sheet. This data sheet contains technical information required for safe and economical operation of this product. READ IT THOROUGHLY PRIOR TO PRODUCT USE. Emergency safety directory assistance: US 1 202 464 2554, Europe + 44 1235 239 670, Asia + 65 3158 1074, Brazil 0800 707 7022 and 0800 172 020, Mexico 01800 002 1400 and (55) 5559 1588

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