

SWAX

Safewash Extra

DESCRIPTION

SWAX is a powerful water based cleaner which has been developed for the removal of solder pastes and surface mount adhesive from screens, stencils, boards and accessories. Designed for use in automated screen cleaning equipment, regular use of **SWAX** will facilitate swift and efficient printing, fewer misprints and the retrieval of misprinted boards, thus avoiding costly wastage.

READ ENTIRE TECHNICAL BULLETIN BEFORE USING THIS PRODUCT

FEATURES AND BENEFITS

- Removes uncured pastes and adhesives; ideal for stencils, screens and accessories
- Low foaming action; suitable for use in pressure wash systems and screen cleaning equipment
- Ready to use product, no dilution required; increases production efficiency
- Non-flammable product, 100% ozone friendly; suitable for use in standard cleaning equipment

APPROVALS

Standard	Status
RoHS Compliant (2015/863/EU)	Yes

PRODUCT INFORMATION

For available packaging sizes please visit:

electrolube.com

PHYSICAL PROPERTIES

Category	Results
Typical Properties	
Appearance	Colorless Liquid
Density @ 20 °C (g/mL)	1.003
pH	10.3
Boiling Point (°C)	>100
Flash Point	None
Freezing Point (°C)	< -10
Viscosity @ 20 °C (mPa s)	10 to 15
Surface Tension @ 25 °C (mN/m)	28.5

APPLICATION GUIDELINES

SWAX has been designed to be used in a three stage cleaning cycle; wash, deionized water rinse and air dry. Typical cycle times may range from 3 to 6 minutes but are dependent upon the type of paste/adhesive being removed, the age of the deposit, the temperature employed and the effectiveness of the cleaning machine. SWAX may be used from 20 to 55 °C; it should be noted, however that the temperatures used must also be compatible with the maximum operating temperatures of the stencil mounting adhesives.

Cleaning Equipment - SWAX has been developed for use in stencil cleaning machines and has been thoroughly tested in both ultrasonic and pressure wash systems from a variety of manufacturers. It has been tested with various pump seals employed in cleaning machines and has been found to be compatible with EPDM, Silicone rubber, Viton, Nitrile rubber and neoprene seals.

Screens/Stencils - SWAX is suitable for use on all commonly used screens, stencils (stainless steel, nickel and plastic) and printed circuit boards.

SWAX can be used repeatedly for cleaning both pastes and adhesives without a significant deterioration in the cleaning performance. Laboratory tests have shown that SWAX may be loaded to 50% w/w with solder pastes before the performance is affected. This magnitude of loading also corresponds to a drop to a pH of 6, which may be used as an indicator for the replacement of the cleaning solution. It might be useful to note that the removal of adhesives does not contribute to, nor is affected by this drop in pH.

ADDITIONAL INFORMATION

Shelf Life: 36 Months

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.**

CONTACT INFORMATION

To confirm this document is the most recent version, please contact

TechnicalSupportTeam@hkw.co.uk

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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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