

Safewash Extra

Product Code: SWAX

PRODUCT DESCRIPTION

Safewash Extra 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 mis-printed boards to avoid costly wastage.

SWAX is a non-flammable, low foam, low odour product for use in ultrasonic, spray and in-line machines.

PRODUCT USE

- * **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.
- * **Cycle** - SWAX has been designed to be used in a three stage cleaning cycle; wash, deionised water rinse and air dry. Typical cycle times may range from 3 –6 minutes, but are dependant upon the type of paste/adhesive being removed, the age of the deposit, the temperature employed and the effectiveness of the cleaning machine.
- * **Temperature** – SWAX may be used at room temperature or at elevated temperatures to increase speed of cleaning, to a maximum temperature of 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.
- * **Rinsing** – It is recommended that a deionised water rinse is used prior to air drying

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* Replenishment – 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.

FEATURES

- * Non flammable – does not require flame proofed equipment
- * Low odour – does not require exhaust ventilation
- * No foam – can be used in all stencil cleaning machines, including pressure wash systems
- * Low VOC – can be used to replace solvent products with high VOC
- * Non hazardous – may be used in areas with strict health and safety controls
- * Removes all types of solder pastes and SMA – does not demand careful selection and same solution can be used to remove both pastes and adhesives
- * Short cycle times required – fast process times
- * Excellent compatibility with plastics, metals and elastomers – may be used on all common screen types
- * Operates at low temperatures – energy efficiency
- * Can be used in all types of screen cleaning machine – no complicated selection required
- * Supplied as “ready to use” concentration – no messy dilution procedure required



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TYPICAL PROPERTIES

Boiling Point	>100°C
Flash Point	does not flash
Surface tension	28.5 mN/m (@ 25°C)
Specific Gravity	1.003 (@ 20°C)
Freezing point	< -10C
Viscosity	10-15cPs (@ 18°C)
pH	10.3
Form	Liquid
Colour	Colourless

Storage – **DO NOT FREEZE.**

Store between 5 - 30°C. Shake well before use.

PACKAGING

25 litre plastic containers

ORDER CODE

SWAX25L

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