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## **QTEK STENCIL WASH FLUID**

### **Concentrated Solvent Spray Cleaner for Electronics Adhesives and Solder Pastes**

#### **Range of Applications**

QTEK Stencil Wash is a water mixable, concentrated electronic cleaning solvent designed for spray-in-air and ultrasonic cleaning applications. Used in dilution, QTEK Stencil Wash is a neutral pH detergent formulated for removing uncured SMD adhesives and raw solder pastes from stencils and misprinted assemblies.

#### **Product Features**

- Water dilutable to desired cleaning strength
- Economical to use due to long bath life from strong rejection features
- Water solubility results in thorough rinsing action
- Non-flammable formulation which is safe for spray processes
- Low surface tension allows for cleaning out fine pitch screen and stencil apertures
- No ozone depleting substances, EPA, SNAP approved

#### **Chemical Description**

QTEK Stencil Wash is an aqueous, neutral, emulsion which combines the power of alcohol and other waterborne solvents with mild saponification to form a high strength, free rinsing cleaning product. It offers flexibility to clean both adhesives and pastes from stencils, screens and misprinted circuit boards. Its NFPA ratings are H=1, F=2, R=0.

#### **Typical Properties**

<b>Flash Point (Tag CC)</b> 0.99-1.01	156°F (69 °C)	<b>Specific Gravity @ 60F</b>
<b>Flash Point of 10% dilution</b>	None	<b>Odour</b> Essentially none
<b>Appearance</b>	Clear, water-white	



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### **Typical Process**

QTEK Stencil Wash is fully compatible with aqueous spray and ultrasonic stencil cleaning equipment. The product is most effective when used heated. Optimal wash bath operating temperature is 120°F, but bath temperatures can range from room temperature to 140°F (23° – 60°C). Follow washing with a DI rinse. Rinse water temperatures should be 80°-110°F (27°-43°C). After rinsing stencils or assemblies, surfaces should be allowed to air dry or be blown dry with forced air. Typical cleaning cycle time would be 5-7 minutes at 120°F (49°C).

### **Industrial Equipment Material Compatibility**

QTEK Stencil Wash is commonly used in stainless steel or polypropylene cleaning equipment.

### **Environmental Compliance**

QTEK Stencil Wash is operated in compliance with air, water, solid waste and VOC regulations.

### **Availability**

QTEK Stencil Wash is available in 5 litre, 25 litre containers and 205 litre drums from;

QTEK Manufacturing Ltd.  
IDA Commercial Park,  
Athenry,  
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