



## QUALITEK<sup>®</sup> 920 WATER SOLUBLE VOC-FREE FLUX

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## **Description**

Qualitek® has developed 920 Water Soluble, VOC-Free flux specifically designed for industrial applications. This non-corrosive flux formulation may be used with conventional tin/lead or lead-free copper and copper-based alloys. Post-soldering residues are non-corrosive and will not leave any black residues. Qualitek 920 contains a wetting agent that increases its solderability performance at high temperatures.

## **Features & Benefits**

- Excellent solderability at high temperatures
- Non-corrosive residues
- VOC-Free flux
- May be used with Sn/Pb or lead-free copper-containing solder alloys

## **Application Methods**

- Dipping
- Spraying or waving
- Dip-Tinning
- Not recommended for tinning insulated wires

## **Physical & Chemical Properties**

### **Technical Data**

	<b>Specification</b>	<b>Test Method</b>
<b>Flux Classification</b>	ORH1	IPC-J-STD-004B
<b>Color and Appearance</b>	Clear, colorless liquid	
<b>Specific Gravity (25 °C)</b>	1.06 ± 0.01	
<b>Solids Content, %</b>	13 ± 1.0	IPC-TM-650 2.3.34
<b>pH Value (5% Soln)</b>	2.0 ± 0.5	IPC-TM-650 2.3.13
<b>Chlorides &amp; Bromides</b>	6.0 ± 0.2	

## **Flux Residues & Cleaning**

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Flux residues are water-based, therefore, no neutralizer or saponifiers are required to wash off the residues. Tap or deionized water may be used for cleaning. For optimum cleaning results, water temperature should be 40 – 60 °C (104 – 140 °F).

## **Storage & Shelf Life**

Store in a closed container at room temperature. Solder flux shelf life is 2 years from date of manufacture.

## **Packaging**

920 Water Soluble flux is available in

- 1 Gallon/1 Liter containers
- 5 Gallon/5 Liter containers
- 55 Gallon/20 Liter containers

## **Disposal**

Qualitek 920 contains hazardous ingredients, therefore, the flux should be disposed of in accordance with all local, regional, national and international regulations.

Qualitek® is a brand of Qualitek International, Inc. For Health and Safety Information refer to Safety Data Sheet.