

# Technical Bulletin

## TSC WL1 Water Based Flux

### DESCRIPTION

WL1 Flux is water based, with a powerful cleaning action best used on clean copper surfaces. WL1 is a clear, organic, water soluble liquid flux. It does not contain any hydrazine compounds and carries no dermatitis hazard but normal standards of cleanliness and care should be observed in its handling. It contains a powerful wetting agent to ensure efficient fluxing action.

### FEATURES & BENEFITS

- Excellent Capillary action
- Creates Smooth Rounded Joints
- Excellent Cosmetics
- Very Low odour during soldering
- Safe to use indoors as being Non Flammable
- Suitable for leaded and Non Leaded Alloys

### APPLICATION METHODS

WL1 has been specially formulated for dip soldering and roller-tinning applications. Suitable for Copper and Copper base alloys, but will also work with tinned surfaces or on Nickel or Silver plated components. Application by dipping, brushing or spraying. Flux residue should be removed as soon as possible after soldering. The use of water, preferably warm, is recommended.

### TECHNICAL SPECIFICATIONS

	<b>Specifications</b>
<b>Colour</b>	Water white
<b>Halogen Content</b>	6%
<b>Flash Point</b>	Non-flammable
<b>pH</b>	<1
<b>Specific Gravity</b>	1.05 @ 20°C
<b>Odour</b>	Slightly acrid

### AVAILABILITY

TSC WL1 Flux is supplied in 125ml, 250ml, 1L & 10L containers. Liquid flux should be stored in dry, well-ventilated area, away from direct heat and flame. Shelf life is 36 Months from date of manufacture.

### HEALTH & SAFETY

Contains ingredients classified as hazardous. Use with adequate ventilation and proper personal protective equipment. Refer to the accompanying Safety Data Sheet for any specific emergency information. Do not dispose of any hazardous materials in non-approved containers.

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Revision No: 3  
Revision Date: 30/04/25