



## DATA SHEET

# Ultrasonic Cleaning Fluid

## RS 764-3017

Ultrasonic Cleaning Liquid is a water based, ready to use cleaning liquid, suitable for the cleaning of PCBs and production equipment. Ultrasonic Cleaning Liquid is non-flammable, 100% ozone friendly and designed to remove all types of flux residues, general stains, dust, grease and light oils. Suitable for use on most metals and alloys.

- Non-flammable
- Low toxicity
- Environmentally friendly
- Excellent materials compatibility
- Cost effective

### Typical Properties:

Appearance:	Colourless liquid
Odour:	Characteristic
Solubility:	Soluble in water
Flash Point:	None
Relative Density:	>1.0 @ 20°C

### Directions for Use

Ultrasonic Cleaning Liquid has been specifically developed for use in 3 or 4 stage batch cleaning systems using ultrasonics or spray-under-immersion. It is supplied at a concentration suitable for immediate use and further dilution is not recommended.

Stage 1 - cleaning: Typically 3-5 minutes with agitation.

Stage 2 – tap water rinse: The temperature of the rinsing solution can be ambient, but higher temperatures in addition to agitation, will accelerate and improve rinsing.

Stage 3 – deionised water rinse: This may either consist of a re-circulating rinse or a spray system that is activated when the substrates leave the tap water rinse.

Stage 4 – drying: The length of time required to dry depends on the substrate. This is enhanced by equipment that uses high air flow as opposed to 'heat only' systems. In general, this stage takes approximately 5 minutes at 90°C. Air-knives can be used as an optional extra to reduce temperature or total energy required.