

## 1. GENERAL DESCRIPTION

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Cleaner and flux remover for printed circuit boards. Special mixture of organic solvents, free from CFC and HCFC. Comes with an add-on brush-type spray head.

## 2. FEATURES

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KONTAKT LR is a special cleaner for removing flux remains and dirt on printed circuit boards having the following characteristics :

- High cleaning power due to its special solvent mix.
- Quick and residue-free surface drying.
- Firm and time gaining cleaning due to the brush-type spray head.
- Compatible with markings and color codes.

Kontakt LR results in clean printed circuit boards and hence in high surface resistivity, low leakage current and good adhesion of conformal coatings.

## 3. APPLICATIONS

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KONTAKT LR is used to clean printed circuit boards and other electronic components. It is also used before and after soldering and repair works and in the preparation of the surface prior to applying conformal coatings or protective stickers.

## 4. DIRECTIONS

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- The aerosol can has been fit with a brush-type spray head to help the cleaning by mechanical means. The aerosol can be used in an upside-down position (360° valve) for hard to reach areas. As carbon dioxide is used as propellant it was possible to fill the aerosol can with  $\pm 95\%$  active product.
- For minor cleaning operations it is possibly enough to rinse the printed circuit board with KONTAKT LR. Brushing of course supports the cleaning. To remove residues of flux, first wet the brush and than spray the product on while brushing with a gentle pressure over the printed circuit board. In doing so, hold the board as vertical as possible and work, from top to bottom. For optimum results, it is best to re-rinse the surface with KONTAKT LR.
- If a "whitish deposit" forms on the printed circuit board after cleaning, this might mean there was probably a coating present which has been partially dissolved by KONTAKT LR. In this case a perfect appearance is restored to the circuit board by coating it with our conformal coating PLASTIK 70.

- KONTAKT LR has been tested for compatibility with PCB materials, solder-stop varnish and electronic components. In particular it has been found that color codings are not damaged by KONTAKT LR. There are only a few very sensitive plastics which are attacked by KONTAKT LR. These include, for example, polystyrene and polycarbonate. Compatibility with such materials should be tested before use.
- As KONTAKT LR contains flammable solvents, all sources of ignition should be removed. Do not spray on life equipment.

***A safety data sheet (MSDS) according to EC Regulation N° 1907/2006 Art.31 and amendments is available for all CRC products.***

#### **5. TYPICAL PRODUCT DATA (without propellant)**

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Appearance	:	clear, colorless liquid
Smell	:	mild
Density at 20°C	:	0.8g/cm <sup>3</sup>
Flashpoint	:	<0°C
Evaporation rate (ether = 1)	:	10

#### **6. PACKAGING**

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Aerosol: 12 x 200 ml, 12 x 400 ml

All statements in this publication are based on service experience and/or laboratory testing. Because of the wide variety of equipment and conditions and the unpredictable human factors involved, we recommend that our products be tested on-the-job prior to use. All information is given in good faith but without warranty neither expressed nor implied.

This Technical Data Sheet may already have been revised at this moment for reason such as legislation, availability of components and newly acquired experiences. The latest and only valid version of this Technical Data Sheet will be sent to you upon simple request or can be found on our website: [www.crcind.com](http://www.crcind.com).

We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.

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