



PROTON® 21

Alcohol-based cleaning fluid determined to remove residues of a solder paste and SMT adhesives from printing stencils, PCBs misprints and squeegees.

Specially designed for wet cleaning process in screen printing
 Ready-mix, intended for direct use
 Effective for all types of solder pastes and most types of SMT adhesives.
 Intended for use in all types of cleaning machines, mainly in the high pressure spray-in-air cleaning.

Recommended areas for use	Recommended cleaning technology
1. solder paste (unsoldered)	Wet cleaning process in screen printing
2. solder paste (unsoldered)	High pressure spray-in-air
2. SMT adhesive (uncured)	High pressure spray-in-air

Process table

Cleaning technology	Cleaning	1. rinse	2. rinse	Drying
Coating inside the print screening	Proton® 21	X	X	Vacuum Paper roll
High pressure spray-in-air	Proton® 21	X	X/Di-water	Hot air

Product information

- recommended for use in systems with closed cleaning processes and mechanical filtration
- no-rinse fluid
- high cleaning efficiency / fast evaporation
- high compatibility with components for cleaning and screen print cabling
- environment-friendly - biodegradable
- tenside-free, no solid residues on the surface being cleaned

Table of physical and chemical properties

Product appearance:	milky whitish fluid
Odour, aroma:	weak smell of non-aromatic petrol
VOC content:	100%
Recommended process temperature:	room
Flammability point:	> 200 °C
Flash point:	65 °C
Density at 20°C:	0,91 kg/l



Technical support

For process implementation and setting, optimization and solving of process issues, trial test, contact your DCT specialist at www.dct.cleaning

Date of issue:
30 August, 2016

Detailed information can be found in the Safety Data Sheet of **Proton® 21** fluid.

Proton® is a registration trademark of DCT Czech s.r.o.



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Packing

25 litres can



Transport

UN number: UN 1268

Transport hazard class: 3



Handling

It is necessary to stir well the can before use.



Storage

Should be stored in closed containers, in ventilated areas at the temperature from 5 to 25°C.



Best before

The maximum usable life for this product is 60 months from the production date.

Notification

The fluid becomes yellow-to-brown as a result of a change in temperature or under the influence of light and air. This is a common phenomenon and not a flaw and in no way changes the properties of the product.



RoHS
Compliant



REACH
SVHC



BIODEGRADABLE



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