



# PROTON® 21

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

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



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

### Process table

Cleaning technology	Cleaning	1. rinse	2. rinse	Drying
Screen printing	Proton® 21	X	X	Vacuum Paper roll
High-pressure spray-in-air	Proton® 21	X	DI water	Hot air



### Product information

- Recommended for use in systems with closed cleaning processes and mechanical filtration
- High cleaning efficiency / fast evaporation
- High compatibility with material and components of the screen printers
- Environment-friendly, biodegradable
- Tenzide-free, no solid residues on the cleaned surface



### Table of physical and chemical properties

Product appearance:	opaque liquid
Colour:	whitish
Odour:	weak smell of non-aromatic petrol
VOC content:	100 %
Recommended process temperature:	room temperature
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](http://www.dct.cleaning)



Date of issue:  
**02. 03. 2020**

Check SDS prior to use.  
Check material compatibility in case of contact with sensitive materials susceptible to chemical stress.

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



# PROTON<sup>®</sup> 21

## General information



### Packing

25 litres; 5 litres



### Transport

UN number: 3295

Transport hazard class: 3



### Handling

Wear nitrile gloves while manipulating with cleaning agent.  
It is necessary to stir well the can before use.



### Storage

Should be stored in closed containers, in ventilated areas  
At temperature 5 – 25 °C



### Shelf life:

The minimum shelf life for this product is 5 years.

## Product features

RoHS and REACH compliant, biodegradable, does not contain any halogenated compounds.



RoHS  
Compliant



REACH  
SVHC



BIODEGRADABLE



We are certified as part of a worldwide quality management system by **LLOYD'S**.

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