

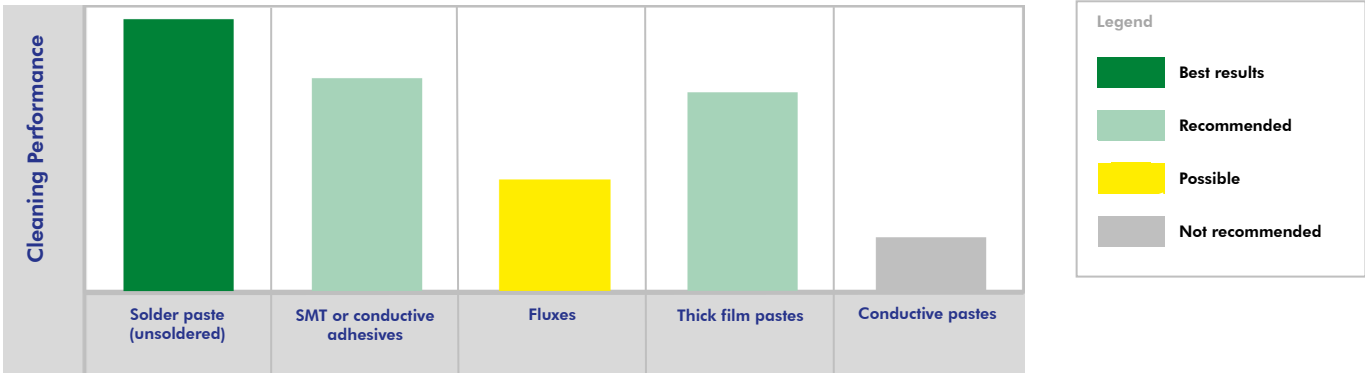
ZESTRON® SD 300



Cleaning medium for the removal of solder pastes, SMT adhesives and thick film pastes from stencils and screens

ZESTRON® SD 300 is a solvent-based cleaning agent used to remove solder pastes, SMT adhesives and thick film pastes from stencils and screens in explosion-proof, spray-in-air systems. This medium is also recommended for cleaning misprinted PCBs and even double-sided, populated circuit boards. The relatively high flash point permits manual use as well as the application in printers and stencil cleaning equipment.

Areas of application – Stencil & misprinted board cleaning



Advantages compared to other cleaners

- ZESTRON® SD 300 has a high bath loading capability and therefore a very long bath life and low cleaning costs.
- Very good cleaning performance on solder pastes, SMT adhesives and thick film pastes
- Applicable at ambient cleaning temperature.
- Also recommended for stencil underside wiping in SMT printers.
- ZESTRON® SD 300 has been approved by leading international manufacturers for the use in their stencil printers. Written approvals can be obtained from ZESTRON.

Process Steps

Cleaning Process	1. Cleaning	2. Rinsing	3. Drying
Explosion-proof Spray-in-air-system	ZESTRON® SD 300	ZESTRON® SD 300	Circulating or compressed air

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Machine Test Center



Analytical Center

Visit our Machine Test Center and clean your stencils & screens under production conditions in cleaning machines of leading international equipment suppliers. Our process engineers will help you independently of any supplier to find the most suitable combination of equipment & cleaning agent for your requirements. Following the cleaning trials, all results will be reviewed immediately in our Analytical Center to verify the required cleanliness.

Contact ZESTRON's process engineers for cleaning trials:

Europe: +49 8453 41995 318; techsupport@zestron.com / South Asia: +604 (3996) 100; support@zestronasia.com

Technical Data

Density	(g/ccm) at 20°C/68°F	0.89
Surface tension	(mN/m) at 25°C/77°F	27.0
Boiling range	°C/°F	120 – 150 / 248 – 302
Flash point	°C/°F	41 / 106
pH value	10g/l H ₂ O	Neutral
Vapor pressure	(mbar) at 20°C/68°F	6.2
Cleaning temperature	°C/°F	Room temperature
Solubility in water		Soluble
Application concentration	Ready-to-use	Pure
HMIS Rating	Health-Flammability-Reactivity	1 – 2 – 0

Product Features & Cleaning Standards

	100% compliance with EU guidelines (RoHS 1, 2 & 3, WEEE)	Stencils cleaned with ZESTRON® SD 300 in a ZESTRON specified process meet the following industry standards: IPC-7526 Manual for cleaning of stencils and misprinted boards
	Extensively tested and suitable for cleaning lead-free solder pastes	
	Product is free of any critical substances according to SIN & SVHC lists	

Environmental, health & safety regulations

- ZESTRON® SD 300 is formulated free of any halogenated compounds and biodegradable.
- Water rinsing is not necessary which results in the elimination of waste water concerns.
- The product is a hazardous material and according to EU standards requires specific labelling.
- Refer to the SDS for specific handling precautions and instructions.

Availability & Storage

1 Liter	✓
5 Liter	✓
25 Liter	✓
200 Liter	✓

- Available as ready-to-use solution.
- Store ZESTRON® SD 300 in the original container at a temperature between 5 - 30°C / 41 - 86°F.
- The product has a minimum shelf life of 5 years in factory sealed containers.



Further product information

- **Material Compatibility**
Please review the Material Compatibility overview before using the cleaning agent.
- **Filter recommendation**
To further extend the bath life of ZESTRON® SD 300, filtration is recommended.
- **Safety data sheet**