

ZESTRON® SW

Solvent-based cleaning medium for SMT stencil printer wipe systems



ZESTRON® SW is a solvent-based cleaner with a high flash point, specifically designed for use in SMT printers without vacuum drying. With reproducible cleaning results and residue-free drying, the reliability of printing processes is greatly increased.

Areas of Application: Stencil underside wiping in SMT printers

Recommended Applications:	Additional Product Information
SMT or conductive adhesives	Material Compatibility Overview
Solder paste (unsoldered)	Safety Data Sheet

Applies to leaded and lead-free solder pastes

Key Benefits

- Due to its wide process window ZESTRON® SW reliably removes solder pastes from the stencil underside.
- Dries fast and residue-free on stencils after dry wipe.
- Good delineation stability and reduced solder balling.
- Unlike Isopropanol (flash point: 12°C/54°F) ZESTRON® SW (flash point: 67°C/153°F) dramatically increases operational safety while operating stencil printing equipment.
- Halogen free and biodegradable
- The product 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	Parts	1. Cleaning	3. Drying
SMT printer with or without vacuum drying	Stencil undersides	ZESTRON® SW	Dry fleece or vacuum

Please refer to the Material Compatibility Overview prior to cleaning plastics.

Technical Data

Density	(g/cm ³) at 20°C/68°F	0.89
Surface tension	(mN/m) at 25°C/77°F	27.6
Boiling point	°C/°F	100 – 171 / 212 – 340
Flash point	°C/°F	67 / 153
pH value	10g/l H ₂ O	Neutral
Vapor pressure	(mbar) at 20°C/68°F	Approx. 3
Cleaning temperature	°C/°F	Room temperature
Application concentration	Ready-to-use	Pure
HMIS Rating	Health-Flammability-Reactivity	1 – 2 – 0

Product Features & Cleaning Standards



Extensively tested and suitable for cleaning of lead-free solder pastes



100% compliance with EU guidelines (RoHS 1, 2 & 3, WEEE)



Product is free of any critical substances according to SIN & SVHC lists

Environmental, Health & Safety Regulations

- ZESTRON® SW is solvent-based and biodegradable.
- Formulated free of any halogenated compounds.
- Refer to the SDS for specific handling precautions and instructions.

Availability & Storage

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

- Available as concentrate
- Store ZESTRON® SW 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.



Contact ZESTRON's Application Engineering Team for more information or trials:
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