

# 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 wipe cleaning		Additional product information:
SMT or conductive adhesives	+	<b>Technical Information sheet 3:</b> Material compatibility overview  <b>Technical Information sheet 4:</b> Additional information on stencil printer underside wipe cleaning
Solder paste (unsoldered)	++	

++ highly recommended, best results

+ recommended

0 possible

**Technical Centers - ① America ② Europe ③ Malaysia ④ East China ⑤ South China**  
**Cleaning Process Solutions under Production Floor Conditions**



Contact ZESTRON's Process Engineering Team for free-of-charge cleaning trials:

Phone: +1 (703) 393-9880; Email: [infoUSA@zestron.com](mailto:infoUSA@zestron.com)

### Advantages compared to other surfactant cleaners:

- Ideal for removing leaded and lead-free solder pastes from the stencil underside.
- Dries fast and residue free.
- Good delineation stability and reduced solder balling (see Technical Information 4)
- High flash point (67°C/153°F) for safe printer operation.
- Halogen free.

Please refer to the material compatibility datasheet (Technical Information 3) prior to cleaning plastics.

TECHNICAL INFORMATION 1

**ZESTRON**

Europe

Ingolstadt-Germany  
info@zestron.com

America

Manassas, VA-USA  
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South Asia

Kulim-Malaysia  
infoAsia@zestron.com

North Asia

Shanghai/Shenzhen-China  
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Process	1. Cleaning	2. Rinsing	3. Drying
SMT printer with or without vacuum drying	ZESTRON® SW	Dry fleece or vacuum	SMT printer with or without vacuum drying

Technical Data		
Density	g/ccm at 20°C / 68°F	0.89
Surface tension	mN/m at 25°C / 77°F	27.6
Boiling range	°C/°F	100 - 171 / 212 - 340
Flash point	°C/°F	67 / 153
pH-value	10g/l H <sub>2</sub> O	Neutral
Vapor pressure	(mbar) at 20°C/68°F	Approx. 3 / 37
Cleaning temperature	°C/°F	Room temperature
Application concentration	Ready to use	Pure
HMIS rating	Health-Flammability-Reactivity	1 - 2 - 0

## PRODUCT FEATURES



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



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

## Environmental, health and safety regulations:

- ZESTRON® SW is solvent-based and biodegradable.
- The cleaner does not contain any halogenated compounds and is environmentally friendly.
- Refer to the MSDS for specific handling precautions and instructions.

## Availability:

- ZESTRON® SW is available in 1 L, 5 L or 25 L containers or 200 L drums.

## Storage:

- 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.

## Alternative product recommendation:

- For water-based stencil underside wipe cleaning in printers with vacuum drying, we recommend VIGON® UC 160.

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