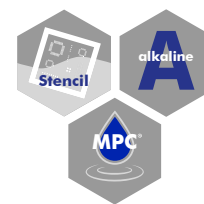


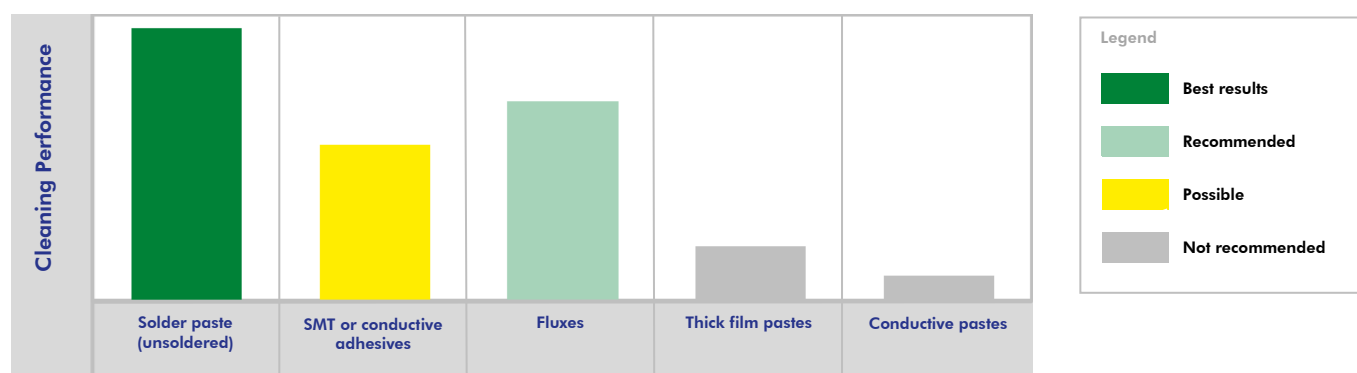
## VIGON® SC 202

Water-based stencil and misprint cleaner for the removal of solder pastes, SMT adhesives and fluxes



VIGON® SC 202 is a water-based cleaning agent designed for the reliable removal of solder pastes and SMT adhesives from stencils. Based on the MPC® Technology, this medium was also developed to clean double-sided misprints, with one side already soldered. The cleaning agent is recommended to be used in spray-in-air and ultrasonic cleaning systems.

### Areas of application – Stencil & Misprint Cleaning



### Advantages compared to other cleaners

- VIGON® SC 202 has been specifically developed for the removal of fluxes from double-sided misprinted boards with one side already soldered.
- VIGON® SC 202 has a high bath loading capability, excellent filterability and therefore a long bath life as well as reduced cleaning costs.
- The cleaning agent can be used in spray-in-air systems and ultrasonic dip tanks.
- VIGON® SC 202 has no flash point and can be used without explosion-proof protection.
- It is surfactant-free and can easily be rinsed without leaving any residues.
- No foaming when used in spray-in-air systems, low odor.

### Process Steps

Cleaning Process	1. Cleaning	2. Rinsing	3. Drying
Spray-in-air	VIGON® SC 202	VIGON® SC 202, water or DI-water*	Hot, compressed or circulating air
Ultrasonic	VIGON® SC 202	VIGON® SC 202, water or DI-water*	Hot, compressed or circulating air

\* Depending on the water hardness, rinsing with regular water might be sufficient for stencil cleaning. In the case of high water hardness, lime marks may stay behind. For misprint cleaning, rinsing with DI-water is highly recommended.

## Independent Test Center - Largest choice of leading machines, chemistry & analytics



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](mailto:techsupport@zestron.com) / South Asia: +604 (3996) 100; [support@zestronasia.com](mailto:support@zestronasia.com)





## Technical Data\*

Density	(g/ccm) at 20°C/68°F	0.99
Surface tension	(mN/m) at 25°C/77°F	28.7
Boiling range	°C/°F	95 – 212 / 203 – 414
Flash point	°C/°F	None until boiling
pH value	10g/l H <sub>2</sub> O	9.0
Vapor pressure	(mbar) at 20°C/68°F	18.1
Cleaning temperature	°C/°F	20 – 50 / 68 – 122
Solubility in water		Soluble
Application concentration	Ready-to-use	Pure
Application concentration <sup>1</sup>	Concentrate	25 %
HMIS Rating	Health-Flammability-Reactivity	0 – 0 – 0

\* VIGON® SC 202 is available as concentrate or ready-to-use-solution. The following information represents a ready-to-use-mixture.

<sup>1</sup> VIGON® SC 202 is recommended to be diluted in DI-water.

## Product Features & Cleaning Standards

 <p>100% compliance with EU guidelines (RoHS 1, 2 &amp; 3, WEEE)</p>	<p>Stencils cleaned with VIGON® SC 202 in a ZESTRON specified process meet the following industry standards:</p> <ul style="list-style-type: none"> <li>IPC-7526 Manual for cleaning of stencils and misprinted boards</li> </ul>
 <p>Extensively tested and suitable for cleaning lead-free solder pastes</p>	
 <p>MPC® Technology ensures an extremely long bath life when used in a closed loop system</p>	
 <p>Product is free of any critical substances according to SIN &amp; SVHC lists</p>	

## Environmental, health & safety regulations

- VIGON® SC 200 is formulated free of any halogenated compounds and biodegradable.
- Refer to the SDS for specific handling precautions and instructions.
- The product is a non-hazardous material and according to EU standards does not require specific labeling.

## Availability & Storage

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

- Available as concentrate and ready-to-use solution
- Store VIGON® SC 202 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
- **MPC® Technology Sheet**  
Detailed information on MPC® Technology
- **Filter recommendation**  
To take full advantage of MPC® Technology and further extend the bath life of VIGON® SC 202, filtration is recommended.
- **Safety data sheet**

## Available Process-Optimization-Products

To ensure a stable running cleaning process, it is important to monitor cleaning agent concentration and regular bath treatment. For VIGON® SC 202 a variety of process support products is available:



### Concentration measurement:

- ZESTRON® EYE for automated real-time concentration monitoring providing 100% traceability.
- ZESTRON® Bath Analyzer 20, a manual test method for fast and reliable checks on cleaner concentration