

## ZESTRON® HC

Precision cleaning medium for SMT adhesive removal



ZESTRON® HC is a modified alcohol-based cleaning agent designed to remove SMT adhesives from tools such as dispensing nozzles. ZESTRON® HC can also be used for the removal of solder particles and dust from pick & place nozzles. It is supplied in an aerosol can for easy manual application.

### Areas of application



### Advantages compared to other cleaners

- Reliably removes SMT adhesives from dispensing nozzles and tools.
- Dries fast and residue-free.
- ZESTRON® HC does not contain any halogenated compounds.
- The removable dispenser also allows easy cleaning of dispensing nozzles.
- Also applicable for the removal of solder particles and dust from pick & place nozzles.

### Process Steps

Cleaning Process	1. Cleaning	2. Rinsing	3. Drying
Manual cleaning	ZESTRON® HC Spray parts evenly and let it soak for 10 - 30 sec.	ZESTRON® HC	Open air or clean, compressed air



ZESTRON® HC aerosol can



Cleaning of dispensing nozzles with special adapter



Cleaning of adhesives on stencils with ZESTRON® HC

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**Contact ZESTRON's process engineers for cleaning trials:**

Europe: Phone +49 (841) 63526; [techsupport@zestron.com](mailto:techsupport@zestron.com) / South Asia: Phone +604 (3996) 100; [support@zestronasia.com](mailto:support@zestronasia.com)

**Or visit our website for a virtual tour:** <http://www.zestron.com/en/company/virtual-company-tour.html>

## Technical Data

Density	(g/ccm) at 20°C/68°F	0.81
Surface tension	(mN/m) at 25°C/77°F	20.0
Boiling point*	°C/°F	56-120°C / 133-248°F
Flash point	°C/°F	-97°C / -142.6°F
pH value	10g/l H <sub>2</sub> O	Inapplicable
Vapor pressure	(mbar) at 20°C/68°F	Approx. 113.4
Solubility in water		Soluble
Cleaning temperature	°C/°F	Room temperature
Application concentration	Ready-to-use	Pure
HMIS Rating	Health-Flammability-Reactivity	1 - 4 - 0

\*Boiling point is of the active chemistry in ZESTRON® HC only, and does not include aerosol propellants

## Product Features & Cleaning Standards



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® HC is biodegradable.
- Refer to the SDS for specific handling precautions and instructions.

## Availability & Storage

300 ml	✓
5 Liter	-
25 Liter	-
200 Liter	-

- ZESTRON® HC is available as an easy-to-use aerosol can with a special adapter for the cleaning dispensing nozzles.
- Store ZESTRON® HC in the original can 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.
- **Safety Data Sheet**

## Alternative Products



### VIGON® SC 210:

- For cleaning in ultrasonic equipment we recommend VIGON® SC 210.



### VIGON® EFM:

- For manual flux removal, we recommend VIGON® EFM