

# 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 nozzels. It is supplied in an aerosol can for easy manual application.

| Areas of application:<br>Cleaning of tools |    |
|--|----|
| SMT or conductive adhesives                | ++ |
| Solder paste (unsoldered)                  | 0  |
| Dust                                       | ++ |

++ highly recommended, best results      + recommended      0 possible      - not recommended

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



Contact ZESTRON's Process Engineering Team for free-of-charge cleaning trials:  
Phone: +49-841-635-26; Email: [techsupport@zestron.com](mailto:techsupport@zestron.com)

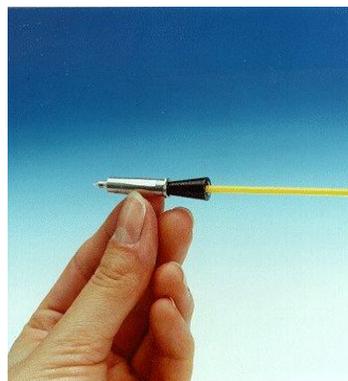
### Advantages compared to other cleaners:

- 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 nozzels.

Please refer to the material compatibility list (Technical information 3) before cleaning plastics.



ZESTRON® HC aerosol can



Cleaning of dispensing nozzles with special adapter



Cleaning of adhesives on stencils with ZESTRON® HC

| Process Steps   | 1. Cleaning | 2. Rinsing  | 3. Drying |
|-----------------|-------------|-------------|-----------|
| Manual cleaning | ZESTRON® HC | ZESTRON® HC | Open air  |

| Technical Data            |                                |                      |
|---------------------------|--------------------------------|----------------------|
| Density                   | (g/ccm) at 20°C/68°F           | 0.81                 |
| Surface tension           | (mN/m) at 25°C/77°F            | 20.0                 |
| Boiling range             | °C/°F                          | 56 – 120 / 133 – 248 |
| Flash point               | °C/°F                          | -97 / -142.6         |
| pH-value                  | 10g/l H <sub>2</sub> O         | Neutral              |
| 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            |

## PRODUCT FEATURES



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



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

## Environmental, health and safety regulations:

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

## Availability/Storage:

- 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.

## Alternative product recommendation:



For cleaning in ultrasonic equipment we recommend ZESTRON® ES 200.



For manual flux removal, we recommend VIGON® EFM.

# ZESTRON

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