

ZESTRON® HC

Solvent-based cleaning medium for SMT adhesive removal



ZESTRON® HC is a modified alcohol-based cleaning agent designed for the removal of 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: Cleaning of tools

Recommended Applications:	Additional Product Information
SMT or conductive adhesives	Material Compatibility Overview
Dust	Safety Data Sheet

Key Benefits

- Reliably removes SMT adhesives from dispensing nozzles and tools.
- Dries fast and residue-free.
- Halogen free.
- The removable dispenser facilitates easy cleaning of dispensing nozzles.
- Also applicable for the removal of solder particles and dust from pick & place nozzles.

Process Steps

Cleaning Process	Parts	1. Cleaning	2. Rinsing	3. Drying
Manual Cleaning	Tools and dispensing nozzles	ZESTRON® HC	ZESTRON® HC	Ambient air or clean, compressed air

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

Technical Data: ZESTRON® HC as a Ready-to-use aerosol

Density	(g/cm ³) at 20°C/68°F	0.81
Surface tension	(mN/m) at 25°C/77°F	20.0
Boiling point*	°C/°F	-44 / -47
Flash point	°C/°F	-97 / -142.6
pH value	10g/l H ₂ O	Neutral
Vapor pressure	(mbar) at 20°C/68°F	8300
Cleaning temperature	°C/°F	Room temperature
Solubility in water		Soluble
Application concentration	Ready-to-use	Pure
HMIS Rating	Health-Flammability-Reactivity	1 – 4 – 0

*Boiling point is inclusive of the aerosol propellant.

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 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:
 Phone: +1 (703) 393-9880 Email: infousa@zestron.com