

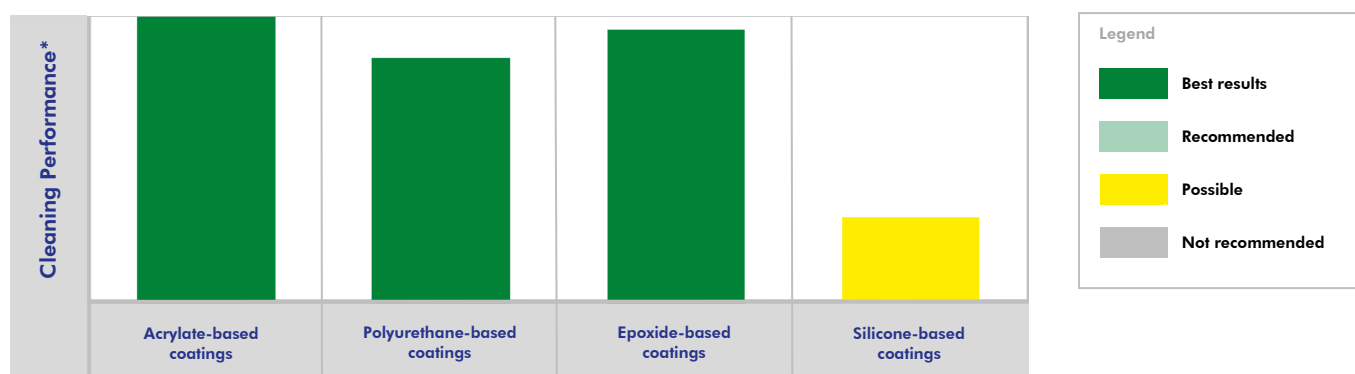


ATRON® DC

Water-based cleaning agent for the removal of coating material from pallets, fixtures and tools

ATRON® DC is the world`s first water-based cleaning agent specifically developed for maximum decoating power at the highest level of operator safety. It reliably removes different coating materials, such as acrylics, polyurethane, epoxy, UV curable types or parylene, from coating frames, pallets and fixtures. ATRON® DC is suitable for all maintenance cleaning machine types, especially dip tank and ultrasonic processes.

Areas of Application – Coating frames



* J-STD-004

Advantages compared to other cleaners

- Water-based formulation
- High operator safety – use of aggressive stripping chemistries is not necessary anymore
- Strong decoating performance
- Good material compatibility – both selective processes and complete frames/pallets submersion are possible

Process Steps

Please note that coating materials can exhibit varying behaviors during the removal process. In some cases, the coating will peel off in layers or dissolve in the cleaning bath. In cases where the coating material peels off in layers, additional maintenance steps are to be considered. For further details, reference the cleaning processes below. Slight coating residues remaining on the parts can be removed with a cloth or brush.

Cleaning Process	1. Cleaning	2. Rinsing	3. Drying
Dip tank ¹	ATRON® DC	Tap water at room temperature	Air dry or hot/ circulating air
Ultrasonic ¹	ATRON® DC	Tap water at room temperature	Air dry or hot/ circulating air
Spray-in-air ²	ATRON® DC	Tap water at room temperature	Air dry or hot/ circulating air

¹ If coating is removed in layers rather than dissolving into the bath, regularly remove undissolved coating to avoid residual redeposition onto frames/pallets.

² If coating is removed in layers, verify spray bars and filters remain unobstructed to achieve steady flow.

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Contact ZESTRON's process engineers for cleaning trials:

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Technical Data*

Density	(g/ml) at 20°C/68°F	0.99
Surface tension	(mN/m) at 25°C/77°F	n.a.
Boiling point	°C/°F	> 98°C
Flash point	°C/°F	None until boiling
pH value	10g/l H ₂ O	neutral
Vapor pressure	(mbar) at 20°C/68°F	n.a.
Cleaning temperature	°C/°F	Room temperature to 60°C
Solubility in water		Soluble
Application concentration ¹	Concentrate	20 - 25 %
HMIS Rating	Health-Flammability-Reactivity	1 - 0 - 0

* Please note that the following information represents ATRON® DC at 25 % concentration.

¹ The concentrate of ATRON® DC has to be diluted in DI-water.

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

- ATRON® DC is water-based and biodegradable.
- ATRON® DC is formulated free of any halogenated compounds and therefore environmentally friendly.
- Refer to the SDS for specific handling precautions and instructions.
- This product is non-hazardous material.

Availability & Storage

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

- Available as concentrate.
- Store ATRON® DC 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
- **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 ATRON® DC following process support product is available:



Concentration measurement:

- ZESTRON® Bath Analyzer 20, a manual test method for fast and reliable checks on cleaner concentration.