

Technical data sheet

KRONES colclean DI 1003**Disinfectant for the food and beverage industry****Product description and application**

KRONES colclean DI 1003 is a fast sanitizing, non foaming, liquid disinfectant based on peracetic acid. Krones colclean DI 1003 is used in all areas of the food and beverage industry, from industrial bottle washing (cold water zone) and bottle rinsing to all forms of circulation disinfection of equipment, tanks and pipes. For industrial use only.

Operating conditions

Concentration:	0.1% to 2% (corresponding to 50ppm to 1000ppm)
Dosing:	manually, automatically with machine cycle or controlled
Temperature:	cold to 60°C
Contact time:	-

Concentration check

Special titration method or via quick determination method

Physical data

Form/colour/smell:	liquid, colourless, characteristic
pH value:	approx. 0.6
Density:	approx. 1.12 g/cm ³
Flash point:	-
Foaming:	non foaming
Temperature stability:	stable at 0°C to +20°C
Conductivity (in deionised water):	-

Material compatibility

Compatible in the working concentration with stainless steel and aluminium as well as with plastics and elastomers resistant to oxidants.

As it is the case with all acidic/oxidative disinfectants, static disinfection should not be carried out due to the risk of pitting corrosion. Static solutions, high chloride content in the batch water and high temperatures favor pitting corrosion.

At the same time, however, the possibility of material incompatibilities cannot be completely ruled out. We recommend to carry out appropriate tests in case of uncertainty.

Storage/ Shelf life

The product should be stored sealed in the original container in a cool, well ventilated place. Protect from heat and direct sunlight. Do not store above 40°C.

Minimum shelf life: 1 year.

Classification

Please refer to the corresponding safety data sheet for details on:

Hazardous Information
Transport Regulations
Safety Regulations

Disposal

Recycling of packaging only fully emptied and closed.

Any product residues must be disposed of in accordance with local regulations. For further information, please refer to our safety data sheet.

Further information

Contains peracetic acid, hydrogen peroxide, acetic acid
See EC safety data sheet

Special instructions

Do not return product into the container. Risk of spontaneous decomposition.
Use biocides safely. Always read the label and product information before use.
Product contains 5g peracetic acid per 100g.
Rinse with sufficient amount of drinking water, to avoid any residues on surfaces, which could come into contact with foodstuff.
Due to possible incompatibilities with other products, it is recommended to rinse dosing equipment (pumps, pipes) thoroughly with water prior to a change-over to KRONES colclean DI 1003.

This version of the technical data sheet supersedes all previous versions, which thereby become invalid.

All information and recommendations are based to the best of our knowledge on the latest state of the art in technology and our experience and do not constitute a contractual relationship. All references to DIN standards are for product description purposes only and do not constitute a guarantee.

Processing and material quantities need to be adjusted to account for local conditions. In the event of problems, please seek technical advice. Subject to changes.