

Technical data sheet

KRONES colclean DI 3001**Disinfectant for the food and beverage industry****Product description and application**

Krones colclean DI 3001 is a nonfoaming, alkaline, liquid, concentrated disinfectant based on active chlorine. Special stabilizers reduce the loss of chlorine during storage.

Krones colclean DI 3001 is used in many areas of the food and beverage industry, especially in the cold water disinfection in bottle washers and the disinfection or preservation of water circuits like Pasteurizers, cooling systems and ice water circuits. Another common application is to control microbiological growth in production systems and their environment. For industrial use only.

Operating conditions

Concentration:	depending on application 0.005% to 1% (corresponding to 6 to 1300ppm)
Dosing:	manually, automatically with machine cycle or controlled
Temperature:	cold to 65°C
Contact time:	5min to several hours

Concentration check

Special titration method or via quick determination method

Physical data

Form/colour/smell:	liquid, yellowish, penetrative smell of chlorine
pH value:	>11
Density:	approx. 1.2 g/cm ³
Flash point:	-
Foaming:	non foaming
Temperature stability:	stable at 5 to +25°C
Conductivity (in deionised water):	-

Material compatibility

Compatible in the working concentration with all common metallic materials in food industry as well as with plastics and elastomers resistant to oxidants.

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 25°C. Protect against contamination.

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: Solution of sodium hypochlorite 13-16% Chlorine EU-INDEX 017-011-00-1
See EC safety data sheet

Special instructions

Use biocides safely. Always read the label and product information before use.
Product contains 15g sodium hypochlorite (Chlorine) 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 3001.

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.