

Technical data sheet

KRONES colclean AD 3003**Scale control additive****Product description and application**

KRONES colclean AD 3003 is a concentrated additive containing scaling inhibitors together with mineral acids. It prevents scale deposition in the warm rinse section of bottle washers. Spotting on bottles caused by water hardness and other salts are controlled as well. KRONES colclean AD 3003 is preferably used at low to middle scale water hardness.

KRONES colclean AD 3003 is suitable for use as a rinse additive in combination with chlorine dioxide. Due to its very high content of active matter KRONES colclean AD 3003 guarantees economic use. Efficacy is at its best when the mixing with the cleaning solution is most intensive (dosing at the pressure side of the pump). For industrial use only.

Operating conditions

Concentration:	approx. 20-40ppm/°dH
Dosing:	automatically with machine cycle
Temperature:	cold to 65°C
Contact time:	given

Concentration check

Only via consumption

Physical data

Form/colour/smell:	liquid, colourless
pH value:	strongly acidic
Density:	1.62 g/cm ³
Flash point:	-
Foaming:	non foaming, contains no defoamer
Temperature stability:	stable at 5 to +40°C
Conductivity (in deionised water):	-

Material compatibility

Compatible in the working concentration with all common materials in food industry like: Stainless steel, glass, PET, PE, PP, PVC, PVDF, PTFE, Viton, EPDM.

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.

Minimum shelf life: 2 years.

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

Ingredients according to EC regulation 648/2004

5-<15%: phosphonates

See EC safety data sheet

Special instructions

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 AD 3003.

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.