

Technical data sheet

KRONES colclean AD 1004**Caustic additive for bottle washer****Product description and application**

KRONES colclean AD 1004 is used in bottle washers combined with caustic soda. Its special dispersing agents improve the cleaning efficacy as well as the waste carrying capability of the caustic decisively. KRONES colclean AD 1004 contains defoaming surfactants, controlling foaming behavior of the caustic. Thus, separate dosage of defoamer is not necessary. Even high water hardness is covered safely.

KRONES colclean AD 1004 is free of NTA, EDTA and phosphates. For industrial use only.

Operating conditions

| | |
|----------------|---|
| Concentration: | 0.1-0.3% in combination with 1.0 – 2.5% NaOH |
| Dosing: | automatically, in combination with caustic or machine cycle |
| Temperature: | cold to 95°C |
| Contact time: | depending on type of bottle washer |

Concentration check

Special titration

Physical data

| | |
|------------------------------------|-----------------------------------|
| Form/colour/smell: | liquid, yellowish, characteristic |
| pH value: | approx. 3 |
| Density: | approx. 1.1 g/cm ³ |
| Flash point: | - |
| Foaming: | non foaming, contains 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%: non-ionic surfactants

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 1004.

It is impossible to mix KRONES colclean AD 1004 with undiluted caustic soda solution.

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.