

## Technical data sheet

**KRONES colclean FC 1004****Alkaline foam cleaner for the food&beverage industry****Product description and application**

KRONES colclean FC 1004 is a concentrated alkaline foam cleaner based on sodium hydroxide and potassium hydroxide. KRONES colclean FC 1004 is suitable also for high water hardness. It is particularly applicable to the cleaning of heavily encrusted residues of grease and proteins as they are typical for smoking chambers.

Its stable foam provides good coverage, excellent soil penetration and ease of rinsing even on vertical surfaces and hard to reach areas. For industrial use only.

**Operating conditions**

Concentration:	3 – 10%
Dosing:	manually or via special dosing equipment
Temperature:	cold to 65°C
Contact time:	15 to 30min

**Concentration check**

Titration of p-value

**Physical data**

Form/colour/smell:	liquid, brownish, characteristic
pH value:	highly alkaline
Density:	approx. 1.45g/cm <sup>3</sup>
Flash point:	-
Foaming:	highly foaming, foam cleaner
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.

Incompatible to Aluminium, colored metal, zinc-coated or tin-coated surfaces.

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: 3 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**

Contains: Sodium hydroxide, potassium hydroxide  
Ingredients according to EC regulation 648/2004  
<5%: phosphonates  
<5%: nonionic surfactants  
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 FC 1004.

---

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.