

## Technical data sheet

**KRONES colclean FC 3001****Acidic foam cleaner for the food&beverage industry****Product description and application**

KRONES colclean FC 3001 is a concentrated acidic foam cleaner, based on phosphoric acid and a blend of high foaming wetting agents/ emulsifiers. It is specially formulated for the removal of water hardness scale and other mineral deposits from food processing equipment and plant.

KRONES colclean FC 3001 is used as general cleaner in all areas of the food and beverage industry. It is designed for foam cleaning of surfaces, as well as the exterior cleaning of bottling and production facilities, conveyors, containers and implements. 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: | 1.5 – 5%                                 |
| Dosing:        | manually or via special dosing equipment |
| Temperature:   | cold to 50°C                             |
| Contact time:  | 15 to 30min                              |

**Concentration check**

Titration of -p-value

**Physical data**

|                                    |   |
|------------------------------------|---|
| Form/colour/smell:                 | liquid, colourless to yellowish, characteristic |
| pH value:                          | strongly acidic                                 |
| Density:                           | approx. 1.21g/cm <sup>3</sup>                   |
| Foaming:                           | highly foaming, foam cleaner                    |
| Temperature stability:             | stable at 5 to +40°C                            |
| Conductivity (in deionised water): | -   |

**Material compatibility**

Compatible in the use 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: Phosphoric acid  
Ingredients according to EC regulation 648/2004  
5- <15%: nonionic surfactants  
<5%: 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 FC 3001.

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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.