Technical data sheet

KRONES Hydrocare 1902

Alkaline membrane cleaner

Product description and application

KRONES Hydrocare 1902 is a concentrated alkaline cleaning agent free of surfactants, chlorine and silicates. It is designed specially for membrane cleaning.
KRONES Hydrocare 1902 is highly effective at removing a wide range of organic soils; it is suitable for hard water and prevents scale build up. For industrial use only.

Operating conditions

Cocentration:	0.8 – 3%
Dosing:	manually or concuctivity controlled
Temperature:	ambient to 90°C
Contact time:	given

Concentration check

Titration of p- and m-value

Physical data

Form/colour/smell:	liquid, colourless to slightly yellow, characteristic
pH value:	highly alkaline
Density:	1.35g/cm³
Flash point:	-
Foaming:	non foaming, contains no defoamer
Temperature stability:	stable at 5 to +40°C
Conductivity (in deionised water):	see conductivity table

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: 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.

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www.kic-krones.com

Further information

Contains: Sodium hydroxide
Ingredients according to EC regulation 648/2004
<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 incompatabilities with other products, it is recommended to rinse dosing equipment (pumps, pipes) thouroughly with water prior to a change-over to KRONES Hydrocare 1902.

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.

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