

Technical Data Sheet

KRONES hydrocare 3901

Acidic Membrane cleaner

Product description and application

Liquid clear

KRONES hydrocare 3901 is a concentrated, acidic detergent descaler free of surfactants and defoamers used especially for acidic membrane cleaning. KRONES hydrocare 3901 is highly effective at removing inorganic scale deposits. For industrial use only.

Technical product data

pH value	Strongly acidic
Density	Approx. 1.3 g/cm ³
Foaming	Non foaming; contains no defoamer
Temperature stability	Stabel at +4 to +40°C

Storage and shelf life

The product should be stored sealed in the original container in a cool, well ventilated place. Storage temperature: +5 °C - +30 °C. Minimum shelf life: 3 years.

Material safety data sheets

The current material safety data sheets are available for you to download from our website:
www.kic-krones.com/en/downloads.php

You are also welcome to request them by e-mail to kic@kic-krones.com.

Labelling

Please refer to the corresponding material safety data sheet for details on:

- Hazardous goods labelling (section 2)
- Transport regulations (section 14)
- Safety regulations (section 4-8)

Application notes

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 hydrocare 3901.

Operating conditions

Concentration	0.5 – 2%
Dosing	Manually or conductivity controlled
Temperature	Ambient to 80°C
Contact time	30 to 60min

Concentration check

Titration of p- and m-value

Material compatibility

Compatible in the working concentration with all common materials in food industry like: Stainless steel, glass, PET, PE, PP, PVC, PVDF, PTFE and acid-proof elastomeres. Incompatible to mild steel, 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.

Disposal note

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 material safety data sheet (section 13).

Further information

Contains: nitric acid
See EC safety data sheet

Exclusion of liability

To the best of our knowledge, the information reflects today's know-how and experience of the Krones Group and does not include any guarantee of features, nor does it guarantee the suitability of the product for specific purposes. Legal liability cannot be deduced from information provided or from oral consultation. This product information is not subject to the updating service. It is mandatory to carry out a test run and an inspection of the features before the products are used.

Status: 01/2022