

# neomoscan<sup>®</sup> FA 19

Alkaline detergent for the food industry – liquid concentrate



## Main fields of application:

Cleaning of tanks, containers, pipes and production plants with automated CIP processes or circulation processes in the food industry, such as e.g. in breweries and the beverage and dairy industry.

For professional use only!

## Properties:

neomoscan FA 19 is a highly alkaline detergent with an excellent complexing action. neomoscan FA 19 has the following properties:

- reliably removes organic soiling
- fully active also with hard water qualities
- excellent complexing action
- foam-free formula
- free of active chlorine, surfactants and phosphates
- suitable for stainless steel and alkali-compatible synthetic material and seals
- not suitable for aluminium and light metal alloys, copper, brass and non-ferrous metal alloys and tin-plated and galvanised surfaces

## Dosage:

### Cleaning of production plants, tanks, containers and pipes:

Depending on degree of soiling 0.5 - 3 weight % at temperatures of 70 – 85 °C or in the cold process area in breweries from 5°C onwards.

### Cleaning of heaters and evaporation systems:

Depending on degree of soiling 1 - 3 weight % at approx. 80 °C.

### Cleaning of UHT plants in the milk processing industry:

Depending on degree of soiling 2 - 5 weight % at approx. 135 °C.

Surfaces that come in contact with food must be rinsed with drinking water after each cleaning and disinfection step to remove residues. Do not mix with other products.

Rinse out dosing system including suction hose with water before changing product.

The weigomatic<sup>®</sup> dosing systems resp. neomatik<sup>®</sup> dosing devices by Dr. Weigert enable controlled, safe and economical application. We are a specialist company in accordance with the German Water Conservation Act (Wasserhaushaltsgesetz, WHG). Suited to the individual conditions and requirements we plan, install and maintain central and distributed dosing systems.

## Determining concentration:

10 ml of working solution is mixed with 1 - 2 drops of phenolphthalein solution and titrated with 0.1 N hydrochloric acid until the colour changes from red to colourless.

ml of 0.1 N hydrochloric acid used x 0.10 = weight % neomoscan FA 19


## Technical data:

Appearance:	Clear, brownish liquid
Density (20 °C):	approx. 1.45 g/cm <sup>3</sup>
pH value (1 % in deionised water, 20 °C):	approx. 12.7 - 13.0
Alkaline capacity (ml of 0.1 N hydrochloric acid used in titration of 400 mg concentrate against phenolphthalein):	approx. 41

## Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:  
< 5 % phosphonates

## Storage information:

Always store at a temperature between 0 °C and 30 °C. Usable for 3 years when stored as recommended. Expiry date: refer to the stamp mark on the label behind the hourglass symbol 



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Die Angaben dieses Merkblattes beruhen auf unseren derzeitigen Kenntnissen und Erfahrungen. Sie befreien den Verwender nicht von eigenen Prüfungen und Versuchen. Eine rechtlich verbindliche Zusicherung bestimmter Eigenschaften kann hieraus nicht abgeleitet werden.

With the above information, which is appropriate to our current knowledge we describe our product regarding possible safety necessities, but we do not involve any quality description or promise certain properties.

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## Hazard and precautionary statements:

For safety information see EC safety data sheets. These are available at [www.drweigert.com](http://www.drweigert.com) under the headline "Service/Downloads".

If applied according to the instructions for use the product is safe according to the appropriate guidelines for food processing.

Dispose only when container is empty and closed. For disposal of product residues, refer to the Safety Data Sheet.

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