

niroklar[®] FS 28

Acidic detergent for the food industry
- Liquid concentrate



Main fields of application:

Acidic cleaning of milking and milk cooling plants, pipes and milk tanks in dairies.
Cleaning of production and filling plants, tanks, containers and pipes via automated CIP processes or in circulation processes in the food industry.
For professional use only.

Properties:

niroklar FS 28 is an acidic detergent based on organic acids and special wetting agents and has the following properties:

- Reliably removes mineral coverings, such as limescale and milk stone
- Free of nitric acid and phosphoric acid
- Optimum cleaning performance at low and high temperatures (40 - 80 °C)
- Suitable for organic dairies; included in the input list for organic agriculture in Germany (FiBL Betriebsmittelliste)
- Especially material compatible – optimal for rubber teat liners made of silicone
- Suitable for chrome nickel steel, aluminium, rubber and acid-compatible plastic

Dosage:

Cleaning of milking and milk cooling plants, pipes and milk tanks:
0.5 – 1.0 % by weight at temperatures of 40-80 °C

For optimum results milking plants are cleaned after each use and milk collecting containers, cooling tanks and milk containers are cleaned after each emptying. We also recommend a daily alternated cleaning:
In the morning alkaline with neomoscan FA 28, in the evening acidic with niroklar FS 28.

Cleaning of production and filling plants via automated CIP processes or in circulation processes in the food industry:

Depending on application and degree of soiling 0.5 – 3 % by weight within a temperature range of 40 – 80 °C.

Surfaces that come into contact with food must be rinsed with drinking water after each cleaning and disinfection to remove residues.

The instructions given by the manufacturer of the production and cleaning plants must be observed.

Do not mix with other products.

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

The weigomatic[®] dosing systems resp. neomatik[®] 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:

After adding one to two drops phenolphthalein solution, 10 ml of niroklar FS 28 solution is titrated with 0.1 N hydrochloric acid until the colour changes from colourless to red.

ml 0.1 N hydrochloric acid used x 0.18 = % by weight niroklar FS 28

Technical data:

Appearance: clear, colourless to yellowish liquid

Density (20 °C): approx. 1.2 g/cm³

pH-Wert (1 % by weight in deionised water, 20 °C) approx. 3

The product specification may contain deviating test parameters. This specification can be obtained on request.

Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:
preservatives (2-octyl-2H-isothiazol-3-one)



DR. WEIGERT

Chemische Fabrik Dr. Weigert GmbH & Co. KG
Mühlenhagen 85, D – 20539 Hamburg

Telefon: (040) 789 60 - 0
Telefax: (040) 789 60 - 120

E-Mail: info@drweigert.de
Internet: www.drweigert.de

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.

niroklar[®] FS 28

Acidic detergent for the food industry
- Liquid concentrate



Storage information:

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

Hazard and precautionary statements:

For safety information see EC safety data sheets. These are available at www.drweigert.com under the category "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.

MB 1614 / 2-2
11/2019



DR. WEIGERT

Chemische Fabrik Dr. Weigert GmbH & Co. KG
Mühlenhagen 85, D – 20539 Hamburg

Telefon: (040) 789 60 - 0
Telefax: (040) 789 60 - 120

E-Mail: info@drweigert.de
Internet: www.drweigert.de

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.