

niroklar[®] AR

Acidic detergent for the food industry – Liquid concentrate



Main fields of application:

Exterior cleaning of production and packing plants, tanks and pipes, filling machines and conveyor belts as well as cleaning tiles and glazed tiles of floors and walls in the production, filling and sanitary area.

niroklar AR is applied manually by wiping, via dipping method or suitable cleaning, spraying and low pressure foaming devices.

For professional use only!

Properties:

niroklar AR is an acidic detergent based on phosphoric acid in combination with highly effective wetting agents and emulsifiers and has the following properties:

- universally applicable
- reliably removes mineral deposits and emulsifies greasy, oily and pigment-containing dirt residues
- foaming
- suitable for stainless steel, aluminium, acid-compatible synthetic materials as well as tiles, glazed tiles and acid-proof jointing material. With short contact times the treatment of copper and iron is also possible.
- not suitable for galvanised surfaces

Dosage:

Depending on the degree of soiling and the application 1.0 – 2.0 weight% at temperatures of 40-60 °C.

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

Do not mix with other products.

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

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

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:

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

ml of 0.1 N caustic soda solution used x 0.17 = weight-% niroklar AR

Technical data:

Appearance:	Clear, yellowish liquid
Density (20 °C):	approx. 1.2 g/cm ³
pH value (1 % in deionised water, 20 °C):	1.8
Acid capacity (ml of 0.1 N NaOH used in titration of 400 mg concentrate against phenolphthalein):	approx. – 24

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:

< 5 % anionic surfactants
5 - 15 % non-ionic surfactants
15 – 30 % phosphates

Storage information:

Always store at a temperature between -10 °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



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@dweigert.de
Internet: www.dweigert.de

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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 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.

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