

niroklar[®] BT

Acid detergent for the food industry – liquid concentrate



Fields of application:

niroklar BT is used for the removal of silicate-containing deposits on surfaces made of stainless steel or aluminium.

For professional use only.

Properties:

niroklar BT is an acid special detergent. It should be used exclusively for the removal of silicates.

niroklar BT

- removes stubborn silicate layers
- is suitable for stainless steel and aluminium
- is not suitable for glass and ceramic

Dosage:

Please observe the following instructions for use:

Do not spray niroklar BT on surfaces since a formation of aerosoles must be avoided in any case. The product must not dry on the surfaces to be treated! When using the product, make sure that the places where the product is used are ventilated well, do not breathe vapours, avoid any contact with the skin – this also applies to the working solutions of niroklar BT.

For periodic basic cleaning use the concentrate of niroklar BT.

For regular cleaning of stainless steel or aluminium surfaces niroklar BT is applied on the surfaces as a 20 %-working solution. After 10 min. of action time rinse with warm water.

As for strong and stubborn residues, it might be necessary to apply niroklar BT several times for removing the layers completely.

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.

Determining concentration:

After adding 1 to 2 drops of phenolphthalein, 10 ml of working solution are titrated with 0.1 N caustic soda solution to a colour change from colourless to red.

$\text{ml 0.1 N caustic soda solution used} \times 0.15 = \% \text{ (w/w) niroklar BT}$

Technical data:

Appearance:	Clear, colourless solution
Density at 20 °C:	approx. 1.15 g/cm ³
pH-value (1 % in deionised water):	approx. 3
Acid capacity (ml 0.1 N caustic soda solution used in titration of 400 mg of concentrate against phenolphthalein):	approx. - 27


Ingredients:

Ingredients according to Regulation (EC) No. 648/2004 on detergents:

< 5 % anionic surfactants

5-15 % phosphates

Storage information:

Always store at a temperature range between - 15 and 30 °C. Usable for 2 years when stored as recommended. For expiry date refer to the stamp mark on the label behind the hour glass symbol .



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

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 Material Safety Data Sheet.

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