

niroklar[®] compact S

Acid detergent for the food industry – liquid concentrate



Characteristics:

niroklar compact S as an acidic detergent forms a part of our **neomoscan compact System**, the surfactant-free concept for effective cleaning and disinfection from the mash tub to the pressure tank.

niroklar compact S is an acid, surfactant-free, conductance-controllable detergent on the basis of phosphoric acid and organic acids. It is very gentle on material. Thanks to the acidic formulation, mineralic films are dissolved so that it is not necessary to use nitric acid. Additionally, niroklar compact S is particularly easy to rinse off due to its surfactant-free formulation.

Fields of application:

niroklar compact S is suitable for the CIP cleaning of installations tanks, containers and pipes in the brewing industry.

niroklar compact S can be used on acid-resistant metal surfaces which are common in the food industry.

For professional use only!

Dosage:

The working concentration of niroklar compact S is 1.0 - 2.5 % (w/w) within the temperature range of 40 - 75 °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.

Controlled, safe and economic application is ensured by our weigomatic[®] dosing systems. We are a specialist company in accordance with the German WHG (Water Conservation Act). Suited to the relevant conditions and requirements we plan, install and maintain central and distributed dosing units.

Determining concentration:

After adding one to two drops phenolphthalein solution, 10 ml of niroklar compact S is titrated with 0.1 N caustic soda solution until the colour changes from colourless to red.

Used ml caustic soda solution x 0.133 = % (w/w) niroklar compact S

Technical data:

Appearance: Clear, colourless liquid

Density (20 °C): approx. 1.2 g/cm³

pH-value (1 % in deionised water): approx. 2

Acid capacity (ml of 0.1 N NaOH used in titration of 400 mg of concentrate against phenolphthalein): approx. 30


Ingredients

Inorganic and organic acids, solvents

Storage information:

Always store at a temperature range between 0 and 30 °C.

A crystallisation of ingredients might occur when the product is stored below 10 °C. The process is reversible when the product is stored at higher temperatures.

Usable for 3 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 warnings and safety advice:

Classification and labelling according to the Dangerous Preparation Directive 1999/45 EC for the concentrate as delivered.

Hazard Symbol C corrosive

Contains: phosphoric acid > 25 %

Risk phrases:

R 34 - Causes burns.

Safety phrases:

S 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 27 - Take off immediately all contaminated clothing.

S 28 - After contact with skin, wash immediately with plenty of water.

S 36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

S 45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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.

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

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