



Additive for acidic cleaning solutions in the food industry

Liquid concentrate

Fields of application:

- Enhancing the cleaning performance of acidic solutions, preferably based on nitric acid, for cleaning of production and filling systems, boilers, evaporators, separators, containers, tanks and lines using automated CIP processes or circulation processes in the food industry, for example in the milk-processing and drinks industry and in breweries

Performance spectrum:

doscan RV-S is a surfactant-free cleaning enhancer with the following properties:

- Increases the cleaning action and speed, thereby allowing the required acid content of the cleaning solution to be reduced
- Dispersing and complexing action
- Improves wetting and accelerates the dissolution of residues
- Foam-free adjustment
- Can be mixed with concentrated nitric acid (50 or 52/53%) in a concentrate and added via the concentrate line
- Acts indifferently towards all materials normally used in the food industry
- Material compatibility is geared towards the acidic cleaning solution used

Application and Dosage:

- doscan RV-S is preferably used in combination with nitric acid solutions
- Cleaning with automated CIP processes or circulation processes: The application concentration is 0.1 - 0.3 per cent by weight depending on soiling, water hardness and application

Notes on application:

- For professional use only.
- In order to avoid product residues, rinse surfaces with drinking water, especially those that come in contact with food, after each cleaning and disinfection measure.
- Do not mix concentrate with other products.
- Rinse out dosing system including suction hose with water before changing product.
- Only dose from the original container.
- Do not use as a concentrate – only as a working solution.
- Please observe the operating instructions given by the manufacturer of the system/device.
- 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:

The working solutions is determined by a special procedure. A detailed description of the method can be obtained on request.

Technical data:

Appearance	clear, yellow to brownish liquid
pH-value	2.9 (1 % in deionised water, 20 °C)
Density	approx. 1.0 g/cm ³ (20 °C)



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 – 15 % phosphonates

also preservatives (5-chloro-2-methyl-2H-isothiazol-3-one, 2-methyl-2H-isothiazol-3-one (3:1))

Storage information:

Always store at a temperature between 0 °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 .

Changes in the colour of the product may occur when storing in factory-sealed trade units. This has no impact on the properties of the product which are relevant for application.

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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The details in this data sheet are based on our current knowledge and experience. They do not exempt users from conducting their own tests and experiments and do not constitute a legally binding commitment regarding specific properties.