

# doscan RV 4

Additive for alkaline cleaning solutions in the food industry – Liquid concentrate



## Fields of application:

Enhancing the cleaning performance of alkaline solutions for cleaning production plants, such as vaporizers, containers, pipes, heat exchangers and filling units via automated CIP processes resp. circulation processes in the food industry.

Especially for the cleaning of fermenters and storage tanks in the brewery industry. Deposits of brandhefe (brownish residues) are rapidly removed.

For professional use only.

## Properties

doscan RV 4 is a highly concentrated cleaning enhancer based on surfactants, complexing and dispersing agents with the following properties:

- emulsifying for a good dirt removal
- increases the dirt carrying ability of the cleaning solution
- excellent complexing properties
- reduces foam
- suitable for a cold as well as hot temperature range
- suitable in combination with caustic soda and alkaline ready-for-use detergents
- reduces the required total alkalinity of the cleaning solution

## Dosage:

doscan RV 4 is used in combination with application solutions containing caustic soda or alkaline detergents.

The dosage of doscan RV 4 is 0.1 - 0.5 % (w/w) depending on the degree of soiling and application, and in particular cases up to 1.0 % (w/w). The cleaning and anti-foaming properties increase with an increase in the concentration.

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 suction hose with water before changing product.

The instructions given by the manufacturer of plants are to 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 WHG (Water Conservation Act). Suited to the relevant conditions and requirements we plan, install and maintain central and distributed dosing units.

## Determining concentration:

The concentration of doscan RV 4 in alkaline solutions is determined by a special titration procedure. A description of the method can be obtained on request.

## Technical data:

Appearance:	Clear, brownish liquid
Density at 20 °C:	approx. 1.17 g/cm <sup>3</sup>
pH-value (1 % in deionised water, 20 °C):	approx. 9.3

## Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:  
5 - 15 % non-ionic surfactant

## Storage information:

Always store at a temperature range 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 .



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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.

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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 EC safety data sheets. These are available at [www.drweigert.com](http://www.drweigert.com) under the category "Download/Service".

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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