

# doscan<sup>®</sup> RV-O plus

Additive for cleaning solutions in the food industry - Liquid concentrate



## Properties:

doscan RV-O plus is used to enhance the cleaning action on the basis of activated oxygen and special wetting agents.

The special combination of wetting agents reduces the surface tension of cleaner solutions, thereby accelerating the dirt removal and emulsification and simultaneously lessening undesirable foaming.

## Main fields of application:

doscan RV-O plus is used as a cleaning enhancer in the food industry for the cleaning of production units, containers, tanks and pipes.

The material compatibility depends on the alkaline resp. acidic basic cleaning components. Rubber is not suitable for long-time contact cleaning processes with doscan RV-O plus.

Only for professional use.

## Dosage:

doscan RV-O plus is applied in combination with sodium hydroxide solution or nitric acid. The use of ready-made cleaning agents is possible for special cleaning tasks such as the thorough cleaning of heaters.

Ideally, doscan RV-O plus is dosed directly into the pre-tank for immediate use.

doscan RV-O plus is added to alkaline working solutions in a concentration range of 0.2 - 1 % (w/w). Normally, the temperatures are 40 - 85 °C. doscan RV-O plus is added to

nitric working solutions in a concentration range of 0.2 - 0.5 % (w/w). Temperatures should not exceed 65 °C.

doscan RV-O plus must not be mixed with chlorine-containing cleaning solutions.

To avoid residues on surfaces that can come in contact with food an additional rinsing with drinking water is necessary after every cleaning and disinfection.

Do not mix with other products.

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

Controlled, safe and economical 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 distributing dosing units.

## Determining concentration:

10 ml doscan RV-O plus-application solution are mixed with 5 ml of a 5 % potassium iodide-solution and 5 ml of 10 %-hydrochloric acid. After adding 1-2 drops of an ammonium molybdate solution (10 %) the brown-coloured solution is titrated with 0.1 N sodium thiosulphate solution until colourless.

$\text{ml } 0.1 \text{ N sodium thiosulphate solution} \times 0.063 = \% \text{ (w/w) doscan RV-O plus}$

## Technical data:

Appearance:	colourless
Density (20 °C):	approx. 1.12 g/cm <sup>3</sup>
pH value (1 % in deionised water):	approx. 3

## Ingredients:

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

< 5 % non-ionic surfactants, phosphonates

15-30 % : oxygen-based bleaching agents

## Storage information:

Always store at temperatures between 0 and 25 °C. Usable for 1 year when stored as recommended. For expiry date refer to the stamp mark on the label behind the hour glass symbol ⏳.



Chemische Fabrik Dr. Weigert GmbH & Co. KG Telefon: (040) 789 60 - 0 E-Mail: info@drweigert.de  
Mühlenhagen 85, D - 20539 Hamburg Telefax: (040) 789 60 - 120 Internet: www.drweigert.de

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.

# doscan<sup>®</sup> RV-O plus

Additive for cleaning solutions in the food industry - Liquid concentrate



## 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".

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.

MB 1151 GB/2-5  
12/14



**DR. WEIGERT**

Chemische Fabrik Dr. Weigert GmbH & Co. KG    Telefon: (040) 789 60 - 0    E-Mail: [info@drweigert.de](mailto:info@drweigert.de)  
Mühlentagen 85, D – 20539 Hamburg    Telefax: (040) 789 60 - 120    Internet: [www.drweigert.de](http://www.drweigert.de)

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.