

doscan[®] RV-O

Additive for alkaline cleaning solutions in the food industry - Liquid Concentrate



Main fields of application:

Enhances the cleaning performance of alkaline solutions for cleaning production plants such as containers, tanks, pipes, heaters and separators via automated CIP processes or in circulation processes and for removing odourants and colourants in the food and beverage industry. Especially for cleaning presses and heaters in the must production.

For professional use only!

Properties:

doscan RV-O is a cleaning enhancer based on hydrogen peroxide and complexing agents with the following properties:

- effectively removes even stubborn, organic soiling
- reliably removes colourants and odourants
- free of surfactants
- hydrogen peroxide dissociates into ecologically safe degradation products
- suitable for oxidation-compatible materials and synthetic materials
- rubber materials must not be treated in long-term-contact methods with peroxide-containing agents
- the material compatibility also depends on the alkaline basic components used

Dosage:

doscan RV-O is used in combination with working solutions of alkaline neomoscan detergents or with soda lye solutions.

doscan RV-O is dosed depending on degree of soiling in an amount of 0.2 - 1 weight% at temperatures of 60 °C– 85 °C. Ideally, doscan RV-O is used inline or in the feed balance tank for immediate use. To ensure an optimum efficacy throughout the entire cleaning time, doscan RV-O should be dosed in intervals.

Because of the oxygen release and the resulting pressure increase, pressure equalisation must be ensured if doscan RV-O is used in closed systems.

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.

Do not bring the undiluted product into contact with organic substances or with other concentrated cleaners and disinfectants.

doscan RV-O must not be mixed with cleaning solutions containing active chlorine!

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

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:

10 ml doscan RV-O solution is mixed with 5 ml of 5 % potassium iodide solution and 5 ml of 10 % hydrochloric acid. After adding 1 - 2 drops of 10 % ammonium molybdate solution the brown-coloured solution is titrated with 0.1 N sodium thiosulphate solution until it changes to colourless.

ml of 0.1 N sodium thiosulphate solution used x 0.105 = weight % doscan RV-O

Technical data:

Appearance: clear, colourless liquid

Density (20 °C): approx. 1.06 g/cm³

pH value (1 % in deionised water, 20 °C): approx. 2.8



Chemische Fabrik Dr. Weigert GmbH & Co. KG
Mühlenhagen 85, D – 20539 Hamburg

Telefon: (040) 789 60 - 0
Telefax: (040) 789 60 - 120

E-Mail: info@drweigert.de
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[®] RV-0

Additive for alkaline cleaning solutions in the food industry - Liquid Concentrate



Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:
< 5 % phosphonates
5 - 15 % oxygen-based bleaching agents

Storage information:

Always store at a temperature between 0 °C and 25 °C. Do not expose to direct sunlight.

Usable for 2 years when stored as recommended. Expiry date: refer to the stamp mark on the label after the hourglass symbol .

Hazard and precautionary statements:

For safety information see EC 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.

MB 1409 GB/2-4
11/16



DR. WEIGERT

Chemische Fabrik Dr. Weigert GmbH & Co. KG
Mühlenhagen 85, D-20539 Hamburg

Telefon: (040) 789 60 - 0
Telefax: (040) 789 60 - 120

E-Mail: info@drweigert.de
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.