

# neomoscan<sup>®</sup> RD

Alkaline detergent for the food industry - Liquid concentrate



## Properties:

neomoscan RD is an alkaline, active chlorine containing detergent in a non-foaming formulation.

## Main fields of application:

neomoscan RD can be used in all current manual and automated cleaning processes in the food industry. Preferred fields of application are e. g. in the milk processing industry the cleaning of milk collection tankers, containers and pipes, churning machines and containers used in cheese manufacturing.

neomoscan RD is used in the beverage industry for the cleaning of beer barrels, transportation and storage tanks, pipes, mixing and racking installations, beer hoses, transportation crates and containers, as well as for general operational cleaning.

Because of its particularly mild composition neomoscan RD is suitable for the treatment of surfaces made of stainless steel, normal steel, iron, aluminium, brass, copper, vitreous enamel, plastic, rubber, as well as tin-plated materials.

Only for professional use.

## Dosage:

The concentrations for use of neomoscan RD are between 0.5 - 2 % (w/w) in a temperature range of 40 - 85 °C, depending on the process.

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 Law). Suited to the relevant conditions and requirements we plan, install and maintain central and distributed dosing units.

## Determining concentration:

10 ml of neomoscan RD working solution is mixed with 2 drops of 3 % hydrogen peroxide solution, shaken briefly and, after adding 1 - 2 drops of phenolphthalein solution, titrated with 0.1 N hydrochloric acid until the colour changes from red to colourless.

$\text{ml of 0.1 N hydrochloric acid used} \times 0.412 = \% \text{ (w/w) neomoscan RD}$

## Technical data:

Appearance:	Clear, yellow-green liquid
Density (20 °C):	approx. 1.28 g/cm <sup>3</sup>
pH-value (1 % in deionised water):	approx. 12
Alkaline capacity (ml of 0.1 N hydrochloric acid used in titration of 400 mg of concentrate against phenolphthalein):	approx. 10
Active chlorine content of a 1 % solution:	200 - 220 mg/l

## Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:  
< 5 % phosphates, chlorine-based bleaching agents

## Storage information:

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

Usable for 1 year when stored as recommended. For expiry date refer to the stamp mark on the label behind the hour glass symbol 



**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](mailto:info@drweigert.de)  
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.

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## 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.

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