



Alkaline detergent and disinfectant for the food industry



Liquid concentrate

Fields of application:

- Combined cleaning and disinfection of production plants, containers, tanks and pipes in the food industry via automated CIP processes or in the circulation process
- Combined cleaning and disinfection of reusable transport boxes and containers as well as small parts and detachable parts in automated cleaning plants.

Performance spectrum:

neomoscan TE 350 is an alkaline, active-chlorine-containing detergent and disinfectant with the following properties:

- Bactericidal, yeasticidal, fungicidal, virucidal, sporicidal
- Powerfully removes organic soiling, such as animal and vegetable protein and fat
- Foam-free formula
- Included in the IHO¹ list of disinfectants
- Suitable for stainless steel as well as alkali-compatible and active chlorine-compatible plastic and sealings
- Not suitable for aluminium, aluminium alloys and other light metal alloys as well as galvanised materials
- Brass, copper and non-ferrous metal alloys must be tested for suitability first.

Application and dosage:

- Observe the following application parameters, depending on application and desired activity:

Combined cleaning and disinfection (non-pre-cleaned surfaces)	
Bactericidal activity (EN 1276)	27 ml/l (2.7 vol.-%), 5 min, 20 °C

Yeasticidal / fungicidal activity (EN 1650)	13 ml/l (1.3 vol.-%), 15 min, 20 °C
Virucidal activity (EN 14476)	10 ml/l (1.0 vol.-%), 5 min, 20 °C
Sporicidal activity (EN 13704)	33 ml/l (3.3 vol.-%), 15 min, 20 °C

- To increase the cleaning performance the application temperature can be raised to up to 80 °C.

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.
- 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.
- *Use disinfectants safely. Always read the label and product information before use.*



Expert reports:

The disinfecting activity has been confirmed by certification. We will be pleased to provide certificates on request.

Determining concentration:

2 drops of a 3% hydrogen peroxide solution are added to 10 ml neomoscan TE 350 solution, the mixture is shaken briefly and after adding 1-2 drops of phenolphthalein solution, the mixture is titrated with 0.1 hydrochloric acid until the colour changes from red to colourless.

ml of 0.1 N HCl used x 0.58 = % (w/w) neomoscan TE 350

Technical data:

Appearance	Clear, yellowish liquid
pH-value	approx 12 (1 % in deionised water, 20 °C)
Density	approx. 1.2 g/cm ³ (20 °C)
Alkaline capacity	approx. 7 (ml of 0.1 N (HCl) hydrochloric acid used in titration of 400 mg concentrate against phenolphthalein)
Active chlorine	approx. 250 mg/l (in 1 % solution)

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 % phosphates, chlorine-based bleaching agents, polycarboxylates, phosphonates

Active substances in 100 g:

2.5 g sodium hypochlorite

Storage information:

Always store at a temperature between 4 °C and 24 °C. Keep away from sunlight. Usable for 1 year 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.

1 IHO – Industrieverband Hygiene und Oberflächenschutz
[German Association for Hygiene and Surface Protection]

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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.