

# Tolo 330

## Liquid cleaning agent and disinfectant

### Properties

- based on alkylamine
- suitable for cleaning and disinfection
- broad spectrum of action
- gentle on materials

### Listings

IHO listed  
VAH listed

### Application

Tolo 330 is a liquid cleaning and disinfecting product. Despite its mild pH value, it powerfully removes light to medium soiling while exhibiting excellent material compatibility. The selection of active ingredients allows for its use as a combined cleaner (cleaning with simultaneous disinfection) or as a pure disinfectant. The application solutions are non-corrosive, non-etching, and non-bleaching, meaning that no material degradation occurs on aluminum and aluminum alloys, as well as V2A stainless steel. Tolo 330 was developed for use in a wide variety of industrial and commercial businesses, particularly in the food and beverage industry. Due to its mild pH value and material-compatible ingredients, it can be used to treat all water-resistant surfaces. Tolo 330 is also suitable for use in hygiene locks in entrance and exit areas, as well as intermediate locks with sole cleaning machines, walk-through basins, etc. For manual application, Tolo 330 is sprayed onto the cold surface or applied in another way and rinsed off after a sufficient contact time.

For special cleaning tasks, the concentration can be increased to up to 2% (depending on the level of soiling, 1 to 4 times per month).

Tolo 330 is listed with the IHO (Industrial Hygiene Organization).

Application area surface:

20°C / 15 min / 1.5% / low soiling / bactericidal & yeasticidal / EN1276, EN1650, EN13697 20°C / 15 min / 1.5% / high soiling / bactericidal & yeasticidal / EN1276, EN1650, EN13697

Tolo 330 is also listed with the VAH (Association for Applied Hygiene):

Surface application type: Wipe disinfection

20°C / 5 min / 5.0% / high soiling / with wiping / bactericidal & yeasticidal

The proven bactericidal efficacy according to EN1276 also includes efficacy against *Listeria* (*Listeria* spp.) and *Salmonella* (*Salmonella* spp.).



## Dosing

### General disinfection

Concentration	1,5 - 5,0 %
Temperature	20 °C
Exposure time	5 - 15 min.
Addition	After cleaning with Tolo 330, rinse with drinking water quality

Concentration	0,5 - 5,0 %
Temperature	20 - 50 °C
Exposure time	10 - 20 min.

## Technical data

Density (20°C)	pH-value
1,03 kg / l	9,7 - 10,1

## Titration

A 100 ml sample is pipetted into an Erlenmeyer flask and 5-10 drops of indicator solution T are added. During titration with 0.1 N hydrochloric acid, the template changes color from green to violet. The changeover point is reached when there is no further color change despite further addition of hydrochloric acid. (Consumption: V1). In addition, 100 ml of the process water used is titrated using the same method. (consumption: V2)

Calculation:  $(V1-V2) \times 0.16 = \% \text{ Tolo 330}$

## Biocide

Use biocide products with care. Always read the label and product information before use.

Notified according to national legislation for biocides under No. N-55715, N-55714.

100 g product contains 7.5 g N-(3-aminopropyl)-N-dodecylpropane- 1,3-diamine

Maximum usability from manufacture: 18 months in the closed original container.

Tolo 330 is listed at IHO.

Bactericidal & yeasticidal efficacy for clean & dirty conditions according to the IHO disinfectant list:  
20°C / 15 min / 1.5%

Tolo 330 is listed at VAH as a surface disinfectant with mechanical action:

Bactericidal & yeasticidal efficacy at:

20°C / 5 min / 5.0% / dirty conditions

## Notes

Storage:

Store the product only in the original container and frost-free between +5 and +40°C.

Direct sunlight should be avoided.

After removing partial quantities, the container should be resealed.

For commercial use only. This leaflet is for non-binding information only. The information is based on our current knowledge and experience. In any case, the user is obliged to carry out his own tests and trials to check the suitability of the products for his intended processes and purposes. The information in this leaflet does not constitute a guarantee for the quality and durability of the goods to be supplied by us. We reserve the right to make technical changes within the scope of what is reasonable. The current version of the corresponding EU safety data sheet must also be observed.