



**ALBISHAUSEN & CO. KG**  
Innovative Cleaning Technology

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## **ALBILEX<sup>®</sup>-SUPER-des**

The new disinfectant ALBILEX<sup>®</sup>-SUPER-des is based on a mixture of hydrogen peroxide and special silver ions with oligodynamic and bactericidal effects.

ALBILEX<sup>®</sup>-SUPER-des is specially designed for the **disinfection of drinking-water piping systems and tanks.**



### **Characteristics**

- Strong algicidal, bactericidal and fungicidal effects
- One disinfectant for all kinds of piping materials
- Simple to use and easy to dose in all common dosing-kits
- Low dosage (only 100ppm ALBILEX<sup>®</sup>-SUPER-des)
- pH-neutral in dosing concentration
- Chlorine-free (no offensive smell)
- Long shelf-life (up to two years) due to decomposition and corrosion inhibitors
- Simple and eco-friendly disposal of the disinfectant solvent

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## Application

Use in piping systems: ALBILEX<sup>®</sup>-SUPER-des is added directly to the water when filling the pipe section to be disinfected by means of a dosing-kit. The filling process under addition of ALBILEX<sup>®</sup>-SUPER-des is to be continued until the measured hydrogen peroxide concentration is 50 ppm at the run out. The following table shows the required dosage of ALBILEX<sup>®</sup>-SUPER-des:

### Dilution ratio ALBILEX<sup>®</sup>-SUPER-des to filling-water for different applications:

Application area	Dosing concentration of ALBILEX <sup>®</sup> -SUPER-des	ExposureTime
Disinfection of piping-systems	100 ppm (100ml SUPER-des per 1000l water)	12-24 hrs
Disinfection of tank-surfaces	1-2% (1-2 Ltr. SUPER-des per 100l water)	1 hr

In case of a reduced exposure time the dosage concentration of ALBILEX<sup>®</sup>-SUPER-des has to be increased up to 200-300 ppm (equivalent to 200-300 ml ALBILEX<sup>®</sup>-SUPER-des per 1000 litres of water).

The concentration of ALBILEX<sup>®</sup>-SUPER-des (recommended: 50 ppm) is measured by means of ALBILEX<sup>®</sup>-H<sub>2</sub>O<sub>2</sub>-test-sticks (Art.-Code.: 190150). After 12 hrs. exposure time the hydrogen peroxide concentration should be at least 10 ppm; otherwise the injection procedure is to be repeated.

Disinfection of surfaces: ALBILEX<sup>®</sup>-SUPER-des is diluted with water according to the above table. The disinfectant is applied to the surface of the tank with a low-pressure sprayer. After an exposure of one hour the tank may be refilled with drinking water.

Consumption of ALBILEX<sup>®</sup>-SUPER-des per km piping length in case of a recommended dosage of 100ppm (= 100mg/l):

Diameter of pipe in mm (DN)	Required quantity of ALBILEX <sup>®</sup> -SUPER-des in litres per km pipe length
50	0.2
75	0.4
100	0.8
150	1.8
200	3.2
250	5.0
300	7.0
350	10.0
400	13.0
450	16.0
500	20.0

## Ingredients, Delivery Size, Product-Code

ALBILEX<sup>®</sup>-SUPER-des is a solution of hydrogen peroxide (50% H<sub>2</sub>O<sub>2</sub>) and special silver ions. Delivery size: 10kg-PE-cans; Product-Code.: 120510

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