

ALBILEX®-DESTO-50

The disinfectant ALBILEX®-DESTO-50 is based on a heavy-metal-free, specially stabilized 50%-hydrogen peroxide solution.

ALBILEX®-DESTO-50 is in particular designed for the **disinfection of drinking-water piping systems, storage tanks and wells** but is also used in many other industries.



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
- pH-neutral in dosing concentration
- Chlorine-free - no offensive smell
- Long shelf-life due to decomposition and corrosion inhibitors
- Does not contain any heavy metals
- Simple and eco-friendly disposal of the disinfectant solvent

Application

Use in piping systems: ALBILEX[®]-DESTO-50 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[®]-DESTO-50 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[®]-DESTO-50:

Dilution ratio ALBILEX[®]-DESTO-50 for different applications:

Application area	Dosing concentration of ALBILEX [®] -DESTO-50	Exposure Time
Disinfection of piping-systems	200-800 ppm (200-800 ml DESTO-50 per 1000l water)	12-24 hrs
Disinfection of tank-surfaces	1-2% (1-2 Ltr. DESTO-50 per 100l water)	1 hr
Disinfection of wells	After cleaning and regeneration: 100 - 200 ppm	6 - 24 hrs
	In case of bactericidal contamination: 200 - 400 ppm	6 - 24 hrs

Disinfection of piping-systems: In case of a reduced exposure time the dosage concentration of ALBILEX[®]-DESTO-50 has to be increased up to 400-500 ppm (= 400-500 ml ALBILEX[®]-DESTO-50 per 1000 litres of water). The concentration of ALBILEX[®]-DESTO-50 (recommended: 100 ppm) is measured by means of ALBILEX[®]-H₂O₂-test-sticks (Art.-Code.: 190151). After 12 hours exposure time the hydrogen peroxide concentration should be at least 10 ppm; otherwise the injection procedure has to be repeated.

Consumption of ALBILEX[®]-DESTO-50 per km piping length in case of a recommended dosage of 200 ppm (= 200 mg/l):

Diameter of pipe in mm (DN)	Dosage (litre per km) of ALBILEX [®] -DESTO-50
50	0.4
75	0.8
100	1.6
150	3.6
200	6.4
250	10.0
300	14.0
350	20.0
400	26.0
450	32.0
500	40.0

Disinfection of surfaces: ALBILEX[®]-DESTO-50 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 1 hour fill tank to a level of 5-10 cm with fresh water and empty tank directly afterwards. Then the tank may be refilled with drinking water.

Disinfection of wells: ALBILEX[®]-DESTO-50 is diluted with water according to the above table. The disinfectant is applied to the well. After an exposure time of 6-24 hours pump disinfection solution out of the well and pass into sewerage system.

Ingredients

ALBILEX[®]-DESTO-50 is a solution of hydrogen peroxide (50% H₂O₂), specially stabilized.

Delivery Size & Item-No.

ALBILEX[®]-DESTO-50 is supplied in following package sizes:

1 kg-PE-cans Item-No.: 120801

10 kg-PE-cans Item-No.: 120810

30 kg-PE-cans Item-No.: 120830