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Dürrwiesen 16
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Hamburg, 14 June 2021

Expert opinion

Bactericidal Activity of **OSAVITA® CDL 0,3%** in the Quantitative Suspension Test against *Legionella* according to DIN EN 13623:2010 (Phase 2, Step 1)

The disinfectant **OSAVITA® CDL 0,3%** was tested and evaluated according to DIN EN 13623:2010 "Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of bactericidal activity against *Legionella* of chemical disinfectants for aqueous systems – Test method and requirements (phase 2, step 1)".

Test data was obtained according to DIN EN 13623:2010, while the currently valid version of the test standard is DIN EN 13623:2020. Since no technical changes affecting the activity assessment were implemented during the revision of the test standard, obtained data still fulfils the requirements of the currently valid version of the test standard.

According to the test report no. L17/0241.2 dated 23/06/2017 of Dr. Brill + Partner GmbH the preparation showed bactericidal activity against *Legionella pneumophila* with 0.0005 % Yeast extract under conditions for cooling water (buffered ferrous hard water for treatment of cooling water (BFHW, pH 8.0) and 30°C ± 1°C).

OSAVITA® CDL 0,3% complies with the requirements of DIN EN 13623:2010 (phase 2, step 1) with the following concentration-time relationship:

Claim	Organic load	Active conc.	Contact time
cooling water	**0.0005 % Yeast extract**	**10 ppm**	**60 minutes**

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Expert opinion

Bactericidal Activity of **OSAVITA® CDL 0,3%** in the quantitative suspension test according to DIN EN 1276:2009 (Phase 2, Step 1)

The disinfectant **OSAVITA® CDL 0,3%** was tested and evaluated according to DIN EN 1276:2009 "Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas - Test method and requirements (phase 2, step 1)".

Test data was obtained according to DIN EN 1276:2009, while the currently valid version of the test standard is DIN EN 1276:2019. Since no technical changes affecting the activity assessment were implemented during the revision of the test standard, obtained data still fulfils the requirements of the currently valid version of the test standard.

According to the test report no. L17/0241.1 dated 23/06/2017 of Dr. Brill + Partner GmbH the preparation showed bactericidal activity under clean conditions.

OSAVITA® CDL 0,3% complies with the requirements of DIN EN 1276:2009 (phase 2, step 1) with the following concentration-time relationship:

Claim	Organic load	Active conc.	Contact time
Bactericidal:	**clean conditions**	**150 ppm**	**5 minutes**

Dr. Florian H. H. Brill