

**KEEMILISED DESINFEKTSIOONIVAHENDID JA
ANTISEPTIKUMID. TEKSTIILIDE KEMOTERMILINE
DESINFEKTSIOON. KATSEMEETOD JA NÕUDED (2. FAAS,
2. ETAPP)**

**Chemical disinfectants and antiseptics - Chemical-
thermal textile disinfection - Test method and
requirements (phase 2, step 2)**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 16616:2015 sisaldab Euroopa standardi EN 16616:2015 ingliskeelset teksti.	This Estonian standard EVS-EN 16616:2015 consists of the English text of the European standard EN 16616:2015.
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ICS 11.080.20

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English Version

**Chemical disinfectants and antiseptics - Chemical-thermal textile
disinfection - Test method and requirements (phase 2, step 2)**

Désinfectants chimiques et antiseptiques - Désinfection
thermochimique du textile - Méthode d'essai et
prescriptions (phase 2, étape 2)

Chemisches Desinfektionsmittel und Antiseptika -
Chemothermische Wäschedesinfektion - Prüfverfahren und
Anforderungen (Phase 2, Stufe 2)

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European foreword

This document (EN 16616:2015) has been prepared by Technical Committee CEN/TC 216 “Chemical disinfectants and antiseptics”, the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2016, and conflicting national standards shall be withdrawn at the latest by February 2016.

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For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

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Introduction

This European Standard specifies a carrier test for establishing whether a single-wash disinfecting product or combination of products for the treatment of contaminated textile has or does not have necessary microbicidal activity. The standard only intends to validate the disinfection part of the laundry process.

This laboratory test takes into account practical conditions of application of the product including contact time, temperature, test organisms and interfering substances, i.e. conditions which may influence its action in practice.

The conditions are intended to cover general purposes and to allow reference between microbiological laboratories and types of detergents and disinfectants. Each effective dosage of the chemical disinfectant found by this test corresponds only to the chosen experimental conditions. Where actual conditions vary additional testing in microbiological laboratories shall be needed to determine the effective dosage. Instructions for use are the responsibility of manufactures of detergents or disinfectants.

1 Scope

This European Standard specifies a test method and the minimum requirements for the microbicidal activity of a defined disinfection process for the treatment of contaminated textile. This procedure is carried out by using a washing machine as defined in 5.3.2.18 and refers to the disinfection step without prewash. This procedure is not limited to certain types of textile. The suppliers instructions shall be sufficient to allow the method in the standard to be carried out fully (e.g. dosing disinfectant in whatever washing phase e.g. rinsing, disinfecting at 40 °C).

This European Standard applies to areas and situations where disinfection is indicated. Such indications occur in patient care, for example:

- in hospitals, in community medical facilities and in dental institutions;
- in schools, kindergartens and nursing homes;
- institutions where patients are accommodated, which could suffer from transmissible diseases;
- other applications where hygienic treatment of textile is necessary (e.g. food processing, hotels, workwear e.g. from the pharmaceutical industry, laboratories, foodstuffs area or similar institutions).

The method described is intended to determine the activity of a product or product combination under the conditions in which they are used. This is a phase 2, step 2 laboratory test that simulates the conditions of application of the product.

NOTE This method corresponds to a phase 2, step 2 test (see EN 14885).

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 12353, *Chemical disinfectants and antiseptics — Preservation of test organisms used for the determination of bactericidal (including Legionella), mycobactericidal, sporicidal, fungicidal and virucidal (including bacteriophages) activity*

EN 13624, *Chemical disinfectants and antiseptics — Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity in the medical area — Test method and requirements (phase 2, step 1)*

EN 13727, *Chemical disinfectants and antiseptics — Quantitative suspension test for the evaluation of bactericidal activity in the medical area — Test method and requirements (phase 2, step 1)*

EN 14348, *Chemical disinfectants and antiseptics — Quantitative suspension test for the evaluation of mycobactericidal activity of chemical disinfectants in the medical area including instrument disinfectants — Test methods and requirements (phase 2, step 1)*

EN 14885, *Chemical disinfectants and antiseptics — Application of European Standards for chemical disinfectants and antiseptics*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 14885 and the following apply.