OCC Switzerland

Efficacy Bulletin

ORO CLEAN® Plus

PRODUCT DESCRIPTION

ORO CLEAN® Plus is a broad spectrum concentrate effective against bacteria, yeasts, enveloped and non-enveloped viruses. The non-foaming formula combines disinfecting and cleaning agents to remove and prevent biofilm build-ups in dental suction units, spittoon bowls and amalgam separators effectively without damaging the units. ORO CLEAN® Plus removes bad odours and leaves behind a fresh peppermint scent. Perfect for daily disinfection.

INTRODUCTION

The product has been tested for compatibility with a variety of materials and devices, which are expected to come in contact with the product during its intended use. Testing was performed according to the below mentioned methods.

RELEVANT PHYSICAL AND CHEMICAL PROPERTIES

Composition in 100 g:	2.475 g N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine, 7.5 g quaternary ammonium compound, anti-foaming agents, special surfactants
Physical state:	Clear, slightly viscous liquid
pH-value:	10 - 12
pH-value in aqueous solution (2%):	9 - 11

Bacteria

BACTERICIDAL - EN 13727

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

Test method: Suspension test

Test temperature:

Clean condition

Concentration: **Time:**

Required log reduction: **Achieved log reduction:**

Test date:

Dirty condition

Concentration: 2 **Time:** 5 minutes

Required log reduction: **Achieved log reduction:**

Test date:

Bacteriah

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Certified Management System SQS ISO 9001 / ISO 13485 SWISS QUALITY SINCE 1969

ANTIBIOTIC-RESISTANT BACTERIA - EN 13727

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

Test method: Suspension test

Test temperature:

Clean condition

Concentration: **Time:**

Required log reduction: **Achieved log reduction:**

Test date:

Dirty condition

Concentration: 2 **Time:** 5 minutes

Required log reduction: **Achieved log reduction:**

Test date:

Fungi

ANTIBIOTIC-RESISTANT YEASTS - EN 13624

Chemical disinfectants and antiseptics-Quantitative suspension test for the evaluation of fungicidal activity of chemical disinfectants for instruments used in medical area – Test method requirements (phase 2, step 1)

Test method:

Test temperature:

Clean condition

Concentration: **Time:**

Required log reduction: **Achieved log reduction:**

Test date:

Dirty condition

Concentration: 2 **Time:** 5 minutes

Required log reduction: **Achieved log reduction:**

Test date:

YEASTICIDAL - EN 13624

Chemical disinfectants and antiseptics-Quantitative suspension test for the evaluation of fungicidal activity of chemical disinfectants for instruments used in medical area – Test method requirements (phase 2, step 1)

Test method: Suspension test

Test temperature:

Clean condition

Concentration: **Time:**

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Required log reduction: Achieved log reduction:

Test date:

Dirty condition

Concentration: 2 Time: 5 minutes

Required log reduction: Achieved log reduction:

Test date:

Viruses

ADENOVIRUS TYPE 5 - EN 14476

Chemical disinfectants and antiseptics- Viricidal quantitative suspension test for the evaluation chemical disinfectants and antiseptics used in human medicine- Test method and requirements (phase 2, step 1)

Test method: Suspension test

Test temperature:

Clean condition

Concentration: Time:

Required log reduction: Achieved log reduction:

Test date:

Dirty condition

Concentration: 2 Time: 30 minutes

Required log reduction: Achieved log reduction:

Test date:

NON-ENVELOPED VIRUSES - EN 14476

Chemical disinfectants and antiseptics- Viricidal quantitative suspension test for the evaluation chemical disinfectants and antiseptics used in human medicine- Test method and requirements (phase 2, step 1)

Test method: Suspension test

Test temperature:

Clean condition

Concentration: 2 Time: 60 minutes

Required log reduction: Achieved log reduction:

Test date:

Dirty condition

Concentration: Time:

Required log reduction: Achieved log reduction:

Test date:

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NOROVIRUS MNV - EN 14476

Chemical disinfectants and antiseptics- Viricidal quantitative suspension test for the evaluation chemical disinfectants and antiseptics used in human medicine- Test method and requirements (phase 2, step 1)

Test method: Suspension test

Test temperature:

Clean condition

Concentration: 2 **Time:** 60 minutes

Required log reduction: **Achieved log reduction:**

Test date:

Dirty condition

Concentration: **Time:**

Required log reduction: **Achieved log reduction:**

Test date:

POLIOVIRUS TYPE 1 LSC-2AB - EN 14476

Chemical disinfectants and antiseptics- Viricidal quantitative suspension test for the evaluation chemical disinfectants and antiseptics used in human medicine- Test method and requirements (phase 2, step 1)

Test method: Suspension test

Test temperature:

Clean condition

Concentration: 2 **Time:** 60 minutes

Required log reduction: **Achieved log reduction:**

Test date:

Dirty condition

Concentration: **Time:**

Required log reduction: **Achieved log reduction:**

Test date:

Virusesu

BVDV - RKI / DVV GUIDELINES

Guideline of the German Association for the Control of Viral Diseases (DVV) and of the Robert Koch Institute (RKI) regarding the testing of chemical disinfectants used in human medicine for efficacy against viruses.

Test method: Suspension test

Test temperature:

Clean condition

Concentration: **Time:**

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Required log reduction: Achieved log reduction:

Test date:

Dirty condition

Concentration: 2 Time: 5 minutes

Required log reduction: Achieved log reduction:

Test date:

ENVELOPED VIRUSES - RKI / DVV GUIDELINES

Guideline of the German Association for the Control of Viral Diseases (DVV) and of the Robert Koch Institute (RKI) regarding the testing of chemical disinfectants used in human medicine for efficacy against viruses.

Test method: Suspension test

Test temperature:

Clean condition

Concentration: Time:

Required log reduction: Achieved log reduction:

Test date:

Dirty condition

Concentration: 2 Time: 5 minutes

Required log reduction: Achieved log reduction:

Test date:

HEPATITIS B VIRUS - RKI / DVV GUIDELINES

Guideline of the German Association for the Control of Viral Diseases (DVV) and of the Robert Koch Institute (RKI) regarding the testing of chemical disinfectants used in human medicine for efficacy against viruses.

Test method: Suspension test

Test temperature:

Clean condition

Concentration: Time:

Required log reduction: Achieved log reduction:

Test date:

Dirty condition

Concentration: 2 Time: 5 minutes

Required log reduction: Achieved log reduction:

Test date:

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HEPATITIS C VIRUS - RKI / DVV GUIDELINES

Guideline of the German Association for the Control of Viral Diseases (DVV) and of the Robert Koch Institute (RKI) regarding the testing of chemical disinfectants used in human medicine for efficacy against viruses.

Test method: Suspension test

Test temperature:

Clean condition

Concentration: Time:

Required log reduction: Achieved log reduction:

Test date:

Dirty condition

Concentration: 2 Time: 5 minutes

Required log reduction: Achieved log reduction:

Test date:

HERPES SIMPLEX VIRUS TYPE 1 - RKI / DVV GUIDELINES

Guideline of the German Association for the Control of Viral Diseases (DVV) and of the Robert Koch Institute (RKI) regarding the testing of chemical disinfectants used in human medicine for efficacy against viruses.

Test method: Suspension test

Test temperature:

Clean condition

Concentration: Time:

Required log reduction: Achieved log reduction:

Test date:

Dirty condition

Concentration: 2 Time: 5 minutes

Required log reduction: Achieved log reduction:

Test date:

HIV - RKI / DVV GUIDELINES

Guideline of the German Association for the Control of Viral Diseases (DVV) and of the Robert Koch Institute (RKI) regarding the testing of chemical disinfectants used in human medicine for efficacy against viruses.

Test method: Suspension test

Test temperature:

Clean condition

Concentration: Time:

Required log reduction: Achieved log reduction:

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Test date:

Dirty condition

Concentration: 2 Time: 5 minutes

Required log reduction: Achieved log reduction:

Test date:

INFLUENZA A VIRUS H1N1 - RKI / DVV GUIDELINES

Guideline of the German Association for the Control of Viral Diseases (DVV) and of the Robert Koch Institute (RKI) regarding the testing of chemical disinfectants used in human medicine for efficacy against viruses.

Test method: Suspension test

Test temperature:

Clean condition

Concentration: Time:

Required log reduction: Achieved log reduction:

Test date:

Dirty condition

Concentration: 2 Time: 5 minutes

Required log reduction: Achieved log reduction:

Test date:

VACCINIA VIRUS STRAIN ELSTREE - RKI / DVV GUIDELINES

Guideline of the German Association for the Control of Viral Diseases (DVV) and of the Robert Koch Institute (RKI) regarding the testing of chemical disinfectants used in human medicine for efficacy against viruses.

Test method: Suspension test

Test temperature:

Clean condition

Concentration: Time:

Required log reduction: Achieved log reduction:

Test date:

Dirty condition

Concentration: 2 Time: 5 minutes

Required log reduction: Achieved log reduction:

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Fehraltorf, 24.06.2019
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