

TEST REPORT: 7191128892-CHM16-02-RC

Date: 13 JAN 2016

Tel: +65 68851345 Fax: +65 67732912

Client's Ref:

Email: Randy.CHIN@tuv-sud-psb.sg

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SUBJECT

Antimicrobial Activity Evaluation

CLIENT

DUPREX Singapore Pte Ltd
Blk 5047 Ang Mo Kio Industrial Park 2
#01-607
Singapore 569550

Attn : Bernard Yio

SAMPLE SUBMISSION DATE/ TEST DATE

30 Nov 2015 / 09 Dec 2015

DESCRIPTION OF SAMPLE

One liquid sample labelled as "Germicidal Concentrate" was submitted.

METHOD OF TEST

BS EN 1040 : 2005

"Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of basic bactericidal activity of chemical disinfectants and antiseptics – Test method and requirements (Phase 1)".

The test microorganisms used were :

Staphylococcus aureus (ATCC 6538)
Pseudomonas aeruginosa (ATCC 15442)

Dilution tested : Neat

Contact time : 5 minutes



Laboratory:
TÜV SÜD PSB Pte. Ltd.
No.1 Science Park Drive
Singapore 118221

Phone : +65-6885 1333
Fax : +65-6776 8670
E-mail: testing@tuv-sud-psb.sg
www.tuv-sud-psb.sg
Co. Reg : 199002667R

Regional Head Office:
TÜV SÜD Asia Pacific Pte. Ltd.
3 Science Park Drive, #04-01/05
The Franklin, Singapore 118223
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RESULTS

Product Name : "Germicidal Concentrate"

Test Microorganism : *Staphylococcus aureus* (ATCC 6538)

Concentration / Contact Time	Initial Count of Test Microorganism per ml of Test Mixture		Count of Surviving Test Microorganism per ml		Log Reduction	Percentage Kill of Test Microorganism
	CFU per ml	Log ₁₀	CFU per ml	Log ₁₀		
Neat 5 minutes	73 000 000	7.86	Less than 10	Less than 1	More than 6.86	More than 99.99999

Test Microorganism : *Pseudomonas aeruginosa* (ATCC 15442)

Concentration / Contact Time	Initial Count of Test Microorganism per ml of Test Mixture		Count of Surviving Test Microorganism per ml		Log Reduction	Percentage Kill of Test Microorganism
	CFU per ml	Log ₁₀	CFU per ml	Log ₁₀		
Neat 5 minutes	72 000 000	7.86	Less than 10	Less than 1	More than 6.86	More than 99.99999

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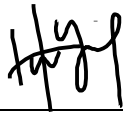
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Remarks :

The product shall be deemed to have passed the test if it demonstrates a **5 Log reduction or more** (at least >99.999% kill) in viability within 5 minutes or less under the conditions defined by this test when the test organisms are *Staphylococcus aureus* and *Pseudomonas aeruginosa*.

This test method evaluates the basic bactericidal activity of chemical disinfectants with no specific application. It does not evaluate the activity of a product for an intended use. More specific test methods are used for further assessment of the efficacy of chemical disinfectants and antiseptics for a defined purpose.

The above test results relate to the sample as received.



MS AW HWEE YING
HIGHER TECHNICAL EXECUTIVE



MR RANDY CHIN KOK FEI
ASSISTANT PRODUCT MANAGER
MICROBIOLOGY
CHEMICAL & MATERIALS



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July 2011

