

PERMASAN 2



LONG LASTING

Inanimate

Surfaces Disinfectant for
Critical areas

Theaters-ICU-Septic Wards

- Non Corrosive
 - Neutral pH
 - Non Toxic

PRODUCT DATA SHEET

Product Name: PERMASAN 2

Product Code: Drum 5L: 12620 - Drum 25L: 12625 - Drum 1 L: 12630 - Drum 0.5 L: 12635
Registration: ACT29GNR529/243897/110/346
Registration Holder: CHEM2010 CC
Manufacturer: New Decade Investments (Pty) Ltd t/a Durotec
Address: P.O. Box 12540, Centrahil 6006 , Port Elizabeth, South Africa
Phone: +27 (0)41 – 5855578
Fax: +27 (0)41 - 5855597
Active Ingredient: 2% glutaraldehyde
Dilution prior to use: 1 in 2 up to 1 in 40

Description of Product:

PERMASAN 2 contains cross polymers and a hydrophobically-modified alkali soluble emulsion, a proprietary delivery system, with 2% stabilised glutaraldehyde as active biocide and food-grade surfactants. It contains no fragrance or colorant. PERMASAN 2 is registered as a surface disinfectant with mild cleaning properties. Thanks to the physical properties of the delivery system, better results are obtained with less concentration of glutaraldehyde (see attached SABS microbiocidal efficacy test made with a PERMASAN solution containing 10% stabilised glutaraldehyde). The efficacy of Permasan 2 is shown, in laboratory conditions and with a renewed daily challenges with *Pseudomonas aeruginosa* at a concentration of 10^7 gems / ml to remain at 99.9% during 5 days even with 0.05% glutaraldehyde concentration. This allows an optimal control of the bio load of the treated inanimate surfaces with innocuous exposure to glutaraldehyde. PERMASAN 2 is approved in accordance with the toxicity requirements of SABS 1853.

Usage:

PERMASAN 2 should be used diluted as an all-purpose general disinfectant that can be sprayed or applied onto surfaces for lasting disinfection effect. The dilution will depend on the state of cleanliness of the surfaces to be treated and the type of germs to be controlled. In cases of black fungus eradication, use as is. Otherwise, dilute from 1 in 2 (viruses) up to 1 in 40.

Applications:

Hospitals (wards, theatres, ICU, casualty, recovery rooms etc.), clinics, ambulances, medical equipment and furniture, healthcare institutions, inanimate surface cleaning, hi Food Industry, kitchen equipment, fridges etc.

Issue Nr: 2 Issued on 25/09/2003
Replaces Issue Nr: 1
Reasons for replacement: Revised wording

1SF011

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TEST REPORT

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Private Bag X191, Pretoria, 0001
Tel: (012) 428-7911 Fax: (012) 344-1568
Int. code +27 12
Website: www.sabs.co.za



MICROBIOLOGY DEPARTMENT 7218

U verw/Your ref: dd 2002-06-27

Ons verw/Our ref: 17/37/19

Navrae/Enquiries: 428-6087

Datum/Date: 2002-07-31

1907835/00/V6731

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Chem 2010 cc

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SURFACE TEST - Permasan

1. DESCRIPTION OF SAMPLES

One sample labelled "Liquid Glove - Permasan" were received on 2002-06-27 and tested on 2002-07-31

2. TESTS REQUESTED

To determine the disinfectant efficacy on contaminated surfaces.

3. METHOD OF TEST

(European surface test methods – 1993)

3.1 Surface test:

Two centimetre squared stainless steel discs' surfaces were seeded with the 0.1ml organism suspensions containing 10^7 organisms/ml, dried at 37 °C for 1 hour. 0.1 ml sample was dropped onto the dried film, taking care to ensure that the film was totally covered. After 24h and 5 days respectively, the surfaces were seeded again with organism suspension, after 5 min. contact time the stainless steel discs were placed in conical flasks containing 10 ml of neutralization medium and shaken to dislodge the cells. Then the neutralization (1.0 ml) and 10-fold dilutions of it were placed onto Nutrient Agar, incubated at 37 °C for 2 days and colony-forming units were counted. Untreated stainless steel discs were used as controls.

3.2 Using

Pseudomonas aeruginosa SATCC Pse 16
as test organism.

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ISO 9001:2000

4. RESULTS

Disinfectant efficacy: Surface tests:

Samples	Contact Time	Percentage Kill of <i>P.aeruginosa</i>		
		Dilution	24h	5 days
Liquid Glove PERMASAN V6731	5 min	1/10	99,9	99,9
		1/50	99,9	99,9
		1/100	99,9	99,9
		1/200	94,4	99,9
Control 10 ⁷		1,2x10 ⁵	4 x 10 ⁵	

Fax no. (011) 782-7617



R A Roos
MANAGER: MICROBIOLOGY DEPARTMENT

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Your ref:

Our ref: 2146708
Enq: ECM Steyn
Tel: (012) 428-6777

Date: 2002-08-30

CHEM2010
Northriding.

OF FORMULATION FROM CHEM2010 FOR COMPLIANCE WITH SABS 1853 (Toxicity requirements)

Please note that the information contained in this report is accurate at the date of issue, and that the SABS does not accept liability, nor does the SABS take responsibility for the accuracy of the information provided by the client for the purposes of compiling this report. Furthermore, the SABS does not accept any liability arising from the use of this information, or the use, application, adaptation or process of any product described herein.

REQUEST

Assessment of formulation for compliance with the toxicity requirements of SABS 1853.

STATEMENT

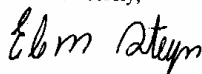
The following formulation was investigated for ingredients that are recognized as being potentially hazardous or toxic or harmful to humans and animals when the product is used in accordance with the manufacturer's recommendations, and in particular at the manufacturer's recommended dilutions.

RESULTS

PERMASAN SURFACE SHIELD

The formulation at the recommended dilution of at least 1 in 10 is **approved** in accordance with the toxicity requirements SABS 1853.

Yours sincerely,



Elmarie Steyn

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