



Product Information Sheet

Re-Issue Date: 02/04/20

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TASGENE

HOSPITAL GRADE DISINFECTANT CLEANER (Bactericidal & Virucidal)

DESCRIPTION

TASGENE represents a disinfectant that will:

1. Reduce the number of pathogenic organisms to such a level that they are no longer able to initiate an infection.
2. Meets the N.S.W. Health Department Standards proposed in the Therapeutic Goods Act.
3. Kills gram positive and gram negative bacteria by the agency of Q.A.C. bactericides.
4. Reodourise disinfected surfaces by the agency of it's unique residual Cologne fragrance.
5. Meets "environmentally friendly" requirements of being a completely phosphate free product as well as being fully biodegradable.

DIRECTIONS FOR USE

TASGENE is formulated for use under a broad spectrum of conditions. It is important to assess the environment to be cleaned to ensure optimum cost effective performance from the product.

Clean conditions. A dilution rate of 1:100 will effectively sanitise and deodorise surfaces. TASGENE solutions provide best cleaning and deodorising properties when prepared in warm to hot water.

Dirty conditions. A dilution of 1:40, dependant on the level of soil is guaranteed to produce sanitised, clean and deodorised surfaces. Again, warm to hot water is preferred for dilutions.

PSEUDOMONAS AERUGINOSA NCTC 6749

STAPHYLOCOCCUS AUREUS NCTC 4163

PROTEUS VULGARIS NCTC 4635

ESCHERICHIA COLI NCTC 8196

The Product Information Sheet supersedes all previous issues for this product. Information contained herein is offered in good faith as being true and accurate to the best of our knowledge, but as the conditions of use are beyond our control, no guarantees are either stated or implied.

Where health or safety data given discloses a risk to the user or the environment, it is the responsibility of the purchaser to pass on the information to employees who may be using the product, ensuring that adequate safety procedures are used, including good industrial hygiene.

Australia: Tasman Chemicals Pty Ltd

Victoria: 1-7 Bell Grove Braeside Victoria 3195 Ph: 61-2-9587 6777 Fax: 61-2-9587 5255

New South Wales: Unit 12, 155 Glendenning Road Glendenning 2761 Ph: 61-2-9625 5225 Fax: 61-2-9625 5632

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1. PSEUDOMONAS AERUGINOSA

This organism is pathogenic and is most troublesome in hospitals where patient resistance to infection is low. Cross infections are often due to this organism.

2. PROTEUS VULGARIS

This organism can become pathogenic. It is primarily a secondary invader of burns, and more importantly, involves itself in urinary tract infection.

3. ESCHERICHIA COLI

This organism is gram negative and is very closely related to Proteus Vulgaris.

4. STAPHYLOCOCCUS AUREUS

This is a gram positive organism. It is mainly a surface or skin organism and causes boils, acne, etc. It is very common; more than 45% of people are carriers. It is most dangerous in hospital environments with patients of low resistance.

SUITABILITY OF CHEMICALS FOR FOOD PREPARATION AREAS

TASGENE is suitable for use in kitchens and food preparation areas

HEALTH HAZARD INFORMATION:

See separate Health and Safety Data Sheet available on request.

PACKAGING:

♦ 5 Litre polyethylene drums ♦ 15 Litre polyethylene drums

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TGA ANALYSIS (CLEAN CONDITIONS)

Our Ref: 453605294Z

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7th September 2016

Tasman Chemicals Pty Ltd
1-7 Bell Grove BRAESIDE VIC 3195

Dear Sir,

RE: EVALUATION OF EVALUATION OF 1LT TASGENE

A sample marked 'Tasgene' was evaluated in accordance with the TGA Test for Hospital grade Disinfectants (**Option A**). The product was evaluated against the organisms Escherichia coli NCTC 8196, Proteus vulgaris NCTC 4635, Pseudomonas aeruginosa NCTC 6749 and Staphylococcus aureus NCTC 4163, in triplicate, utilizing fresh cultures and solutions on each occasion.

The results are presented overleaf:

NATA Corporate Accreditation Number: 2020 Site Microbiology No: 2013. Site Chemistry No: 2856
This laboratory is accredited by the National Association of Testing Authorities, Australia. This document is issued in accordance with NATA's accreditation requirements for compliance with ISO/IEC 17025. The test(s) reported herein have been performed in accordance with its scope of accreditation. This document shall not be reproduced except in full.

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Our Ref: 453605294B

Results

| Test | Concentration | Count (Orgs/mL) | Growth in Recovery Broths | | Results |
|-------------------------------------|---------------|-----------------------|---------------------------|-------------|---------|
| | | | Challenge 1 | Challenge 2 | |
| A. Escherichia coli NCTC 8196 | | | | | |
| 1 | 1:100 v/v | 1.0 x 10 ⁹ | ----- | ----- | Pass |
| 2 | 1:100 v/v | 8.0 x 10 ⁸ | ----- | ----- | Pass |
| 3 | 1:100 v/v | 5.1 x 10 ⁸ | ----- | ----- | Pass |
| B. Proteus vulgaris NCTC 4635 | | | | | |
| 1 | 1:100 v/v | 6.0 x 10 ⁸ | ----- | ----- | Pass |
| 2 | 1:100 v/v | 6.0 x 10 ⁸ | ----- | ----- | Pass |
| 3 | 1:100 v/v | 4.0 x 10 ⁸ | ----- | ----- | Pass |
| C. Pseudomonas aeruginosa NCTC 6749 | | | | | |
| 1 | 1:100 v/v | 9.8 x 10 ⁸ | ----- | ----- | Pass |
| 2 | 1:100 v/v | 5.1 x 10 ⁸ | ----- | ----- | Pass |
| 3 | 1:100 v/v | 3.0 x 10 ⁸ | ----- | ----- | Pass |
| D. Staphylococcus aureus NCTC 4163 | | | | | |
| 1 | 1:100 v/v | 2.3 x 10 ⁸ | ----- | ----- | Pass |
| 2 | 1:100 v/v | 3.0 x 10 ⁸ | ----- | ----- | Pass |
| 3 | 1:100 v/v | 2.3 x 10 ⁸ | ----- | ----- | Pass |

The sample tested was found to pass the test under the above test conditions.
All controls conformed to the requirements of the test procedure.

Yours faithfully,

David Lim

DAVID LIM B.Sc,MASM,MAIFST MICROBIOLOGIST

MERIEUX Nutri Sciences

TGA Licence No. MI-09022005-LI-000428-1

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TGA ANALYSIS (DIRTY CONDITIONS)

Our Ref: 453605294AZ

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7th September 2016

Tasman Chemicals Pty Ltd 1-7 Bell Grove BRAESIDE VIC 3195

ATTENTION: KEITH SADLIER

Dear Sir,

RE: EVALUATION OF EVALUATION OF 1LT TASGENE

A sample marked 'Tasgene' was evaluated in accordance with the TGA Test for Hospital grade Disinfectants under 'dirty' conditions (**Option B**). The product was evaluated against the organisms Escherichia coli NCTC 8196, Proteus vulgaris NCTC 4635, Pseudomonas aeruginosa NCTC 6749 and Staphylococcus aureus NCTC 4163, in triplicate, utilizing fresh cultures and solutions on each occasion.

The results are presented overleaf:

NATA Corporate Accreditation Number: 2020 Site Microbiology No: 2013. Site Chemistry No: 2856
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Results

| Test | Concentration | Count (Orgs/mL) | Growth in Recovery Broths | | Results |
|-------------------------------------|---------------|-----------------------|---------------------------|-------------|---------|
| | | | Challenge 1 | Challenge 2 | |
| A. Escherichia coli NCTC 8196 | | | | | |
| 1 | 1:100 v/v | 1.0 x 10 ⁹ | ----- | ----- | Pass |
| 2 | 1:100 v/v | 8.0 x 10 ⁸ | ----- | ----- | Pass |
| 3 | 1:100 v/v | 5.1 x 10 ⁸ | ----- | ----- | Pass |
| B. Proteus vulgaris NCTC 4635 | | | | | |
| 1 | 1:100 v/v | 6.0 x 10 ⁸ | ----- | ----- | Pass |
| 2 | 1:100 v/v | 6.0 x 10 ⁸ | ----- | ----- | Pass |
| 3 | 1:100 v/v | 4.0 x 10 ⁸ | ----- | ----- | Pass |
| C. Pseudomonas aeruginosa NCTC 6749 | | | | | |
| 1 | 1:100 v/v | 9.8 x 10 ⁸ | ----- | ----- | Pass |
| 2 | 1:100 v/v | 5.1 x 10 ⁸ | ----- | ----- | Pass |
| 3 | 1:100 v/v | 3.0 x 10 ⁸ | ----- | ----- | Pass |
| D. Staphylococcus aureus NCTC 4163 | | | | | |
| 1 | 1:100 v/v | 2.3 x 10 ⁸ | ----- | ----- | Pass |
| 2 | 1:100 v/v | 3.0 x 10 ⁸ | ----- | ----- | Pass |
| 3 | 1:100 v/v | 2.3 x 10 ⁸ | ----- | ----- | Pass |

The sample tested was found to pass the test under the above test conditions. All controls conformed to the requirements of the test procedure.

Yours faithfully,

David Lim

DAVID LIM B.Sc,MASM,MAIFST MICROBIOLOGIST

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The data pertains solely to the analytical and sampling procedure(s) used and the condition and homogeneity of the sample(s) as received. The data therefore may not be representative of the lot or batch or other samples. Consequently the data may not necessarily justify the acceptance or rejection of a lot or batch, a product recall or support legal proceedings. It is the responsibility of the client to provide all information relevant to the analysis requested. This report does not imply that Siliker Australia Pty Ltd has been engaged to consult upon the consequences of the analysis

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