



# PISCEAN CENTURY CHEMICALS PTE LTD

Head Quarters : Singapore  
No. 13 Tuas Link 1 Singapore 638589 Tel : (65) 6862 6028 (6 Lines) Fax : (65) 6862 6018  
Website : [www.pisceanchemicals.com](http://www.pisceanchemicals.com)  
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PISEAN MGC / 06-2007

HS Code: 3507.90.00

## PISCEAN MGC

**PISEAN MGC** is a light brownish liquid cellulase enzymes intended to be used in the industrial laundry for the ageing, stoning of the cellulosic based indigo denim garments; to create high contrast washing effects, with minimal amount of backstaining on denims garments. Treated indigo denim garments yield bright spots with grayish cast.

**PISEAN MGC** is to be applied at ambient to warm temperatures (25°C to 50°C), functional pH range is from pH 5.0 to 8.0. Duration of treatment and dosage amount depend on effects warranted under local operating conditions.

**PISEAN MGC** is completely dispersible in water, it is Ecotex-100 compliance (use as it's directed) and is non-hazardous, non-flammable to handle.

### PHYSICAL PROPERTIES:

|            |                          |
|------------|--------------------------|
| Appearance | : Tanned solution        |
| pH (25°C)  | : 5.0 ± 1.0              |
| Odour      | : Slight                 |
| Diluent    | : Suitably treated water |

### USERS' RECOMMENDATIONS:

After garments are desized:

Use 0.5g/L to 1.5g/L (0.5% to 1.5% o.w.g.), run at ambient temperatures (25°C - 50°C) at pH 6.0 ± 0.5 for 45 minutes, sample effects.  
(Product can be used in conjunction with stones).

To deactivate **PISEAN MGC**:

1. Adjust pH above 9 with soda ash.
2. Increase temperature to 70°C and above.
3. Use cationic softeners or bleach.

### PACKINGS:

30kg Jerry Can / 200 kg drums

### STORAGE:

Store in a tight capped condition, avoid direct sunlight, heat and humidity.

### TRANSPORT:

Product is not classified as hazardous.

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CERT. NO. : 2001-2-1286  
SS ISO 9001: 2000



CERT. NO : SG-1286



MEMBER OF  
SINGAPORE BUSINESS  
FEDERATION

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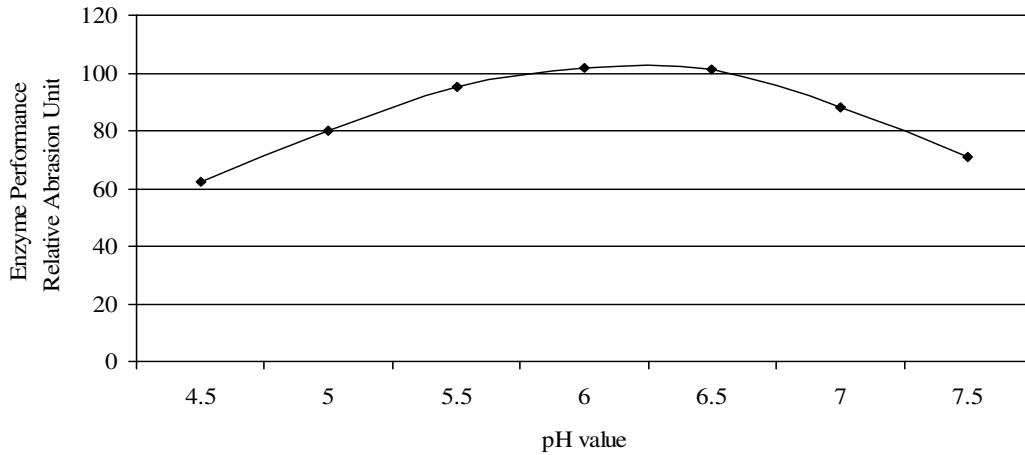
E-mail : [piscean@pacific.net.sg](mailto:piscean@pacific.net.sg) / [admin@pisceanchemicals.com](mailto:admin@pisceanchemicals.com)

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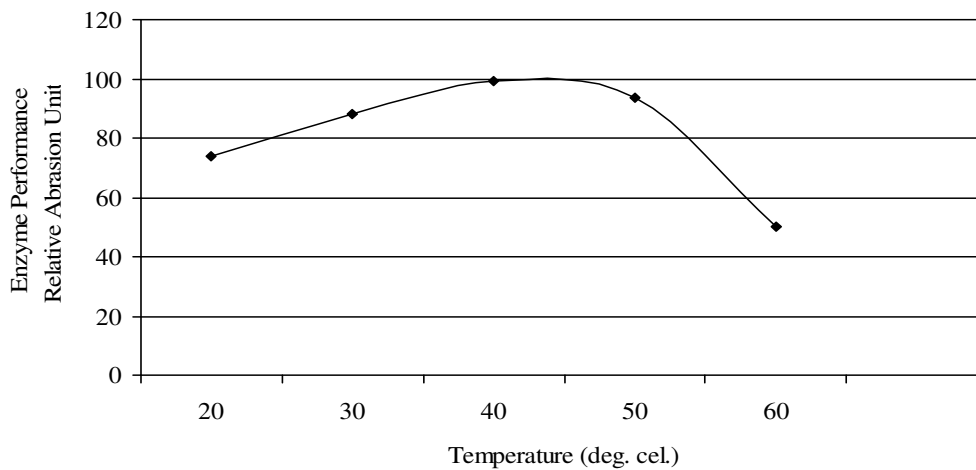
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**Fig.2 Relative Abrasion Units of Piscean MGC against variable pH at 40 deg. Cel.**



**Fig.1 Relative Abrasion Units of Piscean MGC against variable temperature range at pH 6.0**



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Separate MSDS available upon request.



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