



# PISCEAN CENTURY CHEMICALS PTE LTD

Head Quarters : Singapore  
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PISCEAN BTS-75F / 12-2007

## PISCEAN BTS-75F

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**PISCEAN BTS-75F** is a powder, neutral pH functional industrial grade 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 exhibit high contrast abrasions with bright spots, grayish cast.

**PISCEAN BTS-75F** can be applied at ambient to warm temperatures (30°C to 50°C), and the operating pH range is from pH 5.0 to 8.0. Optimal pH and temperature of treatment is 6.0+/-1.0 and 40+/-5 °C respectively. Duration of treatment and dosage amount depend on effects warranted under local operating conditions.

**PISCEAN BTS-75F** is completely soluble in water, easily biodegradable, does not contain APEOs, and it is Ecotex-100 compliance (use as it's directed). **PISCEAN BTS-75F** is non-hazardous, non-flammable to handle.

### PHYSICAL PROPERTIES:

Appearance : Light Brownish, non-dusty powder  
pH (1g/L) : 6.0 ± 1.0  
Odour : Slight  
Diluent : MSP, salts

### USERS' RECOMMENDATIONS:

#### Dilution Procedures

Piscean BTS-75F = 3% - 5%

Common / Glauber salt = Rest

\* Optional: Piscean B7 (Antistain) = 10%

After garments are desized:

Use 0.5g/L to 1.5g/L (0.5% to 1.5% o.w.g.), run at ambient temperatures (30°C - 50°C) at pH 6.0 ± 0.5 for 45 minutes, sample effects.  
(Product can be used in conjunction with stones).

To deactivate **PISCEAN BTS-75F**:

1. Adjust pH above 9 with soda ash or detergent.
2. Increase temperature to 80°C and above.
3. Use cationic softeners or bleach.

### PACKINGS:

40/50kg Drums

### STORAGE:

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

### TRANSPORT:

Product is not classified as hazardous.

**CHINA : PISCEAN CHEMICALS (SUZHOU) PTE LTD**  
No. 9, Xie Tang District, Suzhou Industrial Park, Suzhou, Jiang Su Province, China 215123.  
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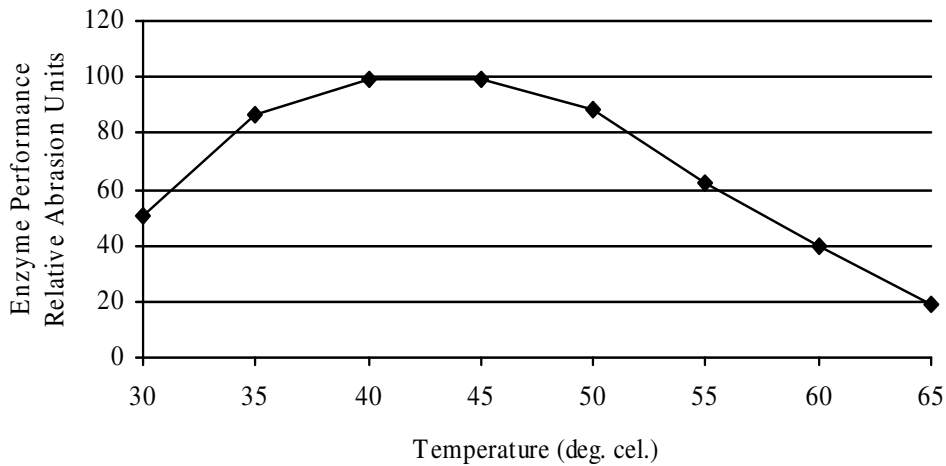
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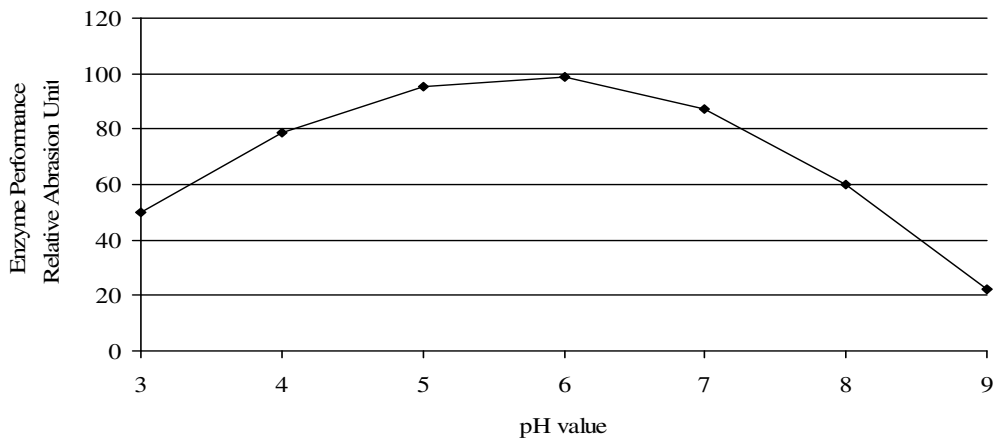
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**Fig.1 Relative Abrasion Units of PISCEAN BTS-75F against variable temperature range at pH 6.0**



**Fig.2 Relative Abrasion Units of PISCEAN BTS-75F against variable pH at 40 deg. Cel.**



Separate MSDS available upon request.

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Piscean Century Chemicals Pte Ltd does not take liability to the effectiveness of the products since users application conditions may be different.