

● **DHK 97610**

Textile Auxiliaries Division ---2010/07 revised

QM-DHK200101-36

## DHK™ 97610 Wide Temperature Neutral Cellulase Powder

DHK 97610 is a pre-formulated ready to use low temperature neutral cellulase powder which can effectively be used for denim stone wash finishing.

It is a special blend of cellulase enzymes, buffering agent and powerful surfactant system which minimizes re-deposition on denim. It is designed for use either alone or with pumice stone to give maximum abrasion with minimum damage during the treatment of denim garments, and reduce environmental pollution.

### Properties

- Provides high contrast finishing with negligible backstaining on Indigo denim garments.
- Very good biopolishing effect on denim surface
- Wide temperature saves energy cost compared to high temperature products.
- Ensures salt and pepper effect with grayish indigo cast
- Back staining is minimal compared to conventional neutral cellulase
- High level of surface modifications can be achieved with e.g. pumice stones, which reduce machine wear and tear and fabric damages.
- Gives excellent puckering and more grains.
- Eco-friendly and Bio-degradable

### Chemical Characteristic

Bacterial Cellulase

### Technical Data

Appearance: Yellow to white powder  
CAS No: 9012-54-8  
Dissolving procedure: dilute with 35-60° C

### Application

PH Value: 5.5-7.0  
Temperature: 45-60° C  
Dosage: 0.5-3%  
Final conditions will vary according to fabric type, conditions, as well as customer style preference.

Factory Add: Qiandankou Zone, Jiaozhou City, Qingdao, China

Technical Support: +86-532-83283977

Office Add: Rm2403, Unit 2, 1#budiling, 111# Shandong Road, Qingdao China

Tel: +86-532-83670001/83670002 Fax: +86-532-83670003

Email: [info@dhkchem.com](mailto:info@dhkchem.com)

Website: [www.hengkechem.com](http://www.hengkechem.com)

ISO 9001 Certified



● **DHK 97610**

Textile Auxiliaries Division ---2010/07 revised

QM-DHK200101-36

**Dosage Recommendation:**

It is recommended that optimal dosage be defined by experimenting to obtain the desired effects. Customer's desired effects varies by company so our listed dosage should be used as reference only.

**Compatibility:**

Non Ionic wetting agents, non-ionic surfactants, dispersants, buffering salts, and pumice stones is compatible with DHK97610, but positive testing is recommended prior to all formulations and applications.

**Inactivation:**

Inactivation must be carried out after treatment. Either alkaline rinse by raising pH to > 10 for 10 minutes or the use of bleaching agents will terminate the enzyme reaction.

**Storage:**

DHK97610 is recommended to store at 24°C (75°F) or below with optimum temperature at 15°C. Products stored in sealed container at recommended level will maintain 90% activity for at least 6 months. Prolonged storage at temperatures above 30°C should be avoided.

---

This information and our technical advice – whether verbal, in writing or by way of trials – are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sales and Delivery.

---

Factory Add: Qiandankou Zone, Jiaozhou City, Qingdao, China

ISO 9001 Certified

Technical Support: +86-532-83283977

Office Add: Rm2403, Unit 2, 1#budiling, 111# Shandong Road, Qingdao China

Tel: +86-532-83670001/83670002 Fax: +86-532-83670003

Email: [info@dhkchem.com](mailto:info@dhkchem.com)

Website: [www.hengkechem.com](http://www.hengkechem.com)

