



MEGA B17-8

Rev.C.1.2019

Concentrated Neutral Cellulase

• PRODUCT INTRODUCTION

MEGA B17-8 is a concentrated neutral liquid cellulase enzyme which has one of the cleanest backstaining performance for denim on the market today. MEGA B17-8 can also effectively be used for biopolishing of cellulase composed garments with improved color retention on fabrics. It is a new generation of enzymes to replace traditionally used acid cellulase enzymes. Our unique neutral cellulase allows for maximum fabric garment processing flexibility.

• SPECIFICATION

Appearance : Pale brown, slightly viscous liquid
Enzyme Type : Cellulase
CAS No. : 9012-54-8
IUB-No : EC 3.2.1.4

• PRODUCT APPLICATION

MEGA B17-8 is a concentrated neutral liquid cellulase which provides additional benefits over traditionally used acidic cellulase. Benefits include: No pH adjustment necessary which saves time and cost of pH adjustment chemicals. The flexibility of combined finishing and dyeing process in one bath further reduces time and increases production.

While decreasing the amount of pilling and smoothing the fabric surface, B17-9 cellulase increases color retention while decreasing fabric loss.

• APPLICATION PARAMETERS



Final conditions will vary according to fabric type, conditions, as well as customer style preference.

• DOSAGE RECOMMENDATIONS

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 MEGA B17-8, but positive testing is recommended prior to all formulations and applications. Contact of MEGA B17-8 with ferric ions should be avoided.

• 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.

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- **PACKAGING**

MEGA B17-8 is available in standard packing of 30 Kg/220Kg drums. Packing as desired by customers can be arranged.

- **STORAGE**

MEGA B17-8 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.

- **SAFETY AND HANDLING**

MEGA B17-8 is an enzyme, an active protein and should be handled accordingly. Avoid aerosol and dust formation and direct contact with skin.

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