

CHEMILASE ULTRA H1500

α -Amylase derivatives for desizing of cotton and denim articles

Description

CHEMILASE ULTRA H1500 is a special α -amylase derivative for cotton and denim de-sizing. It is an effective amylase for the total removal of starch-based sizing agents. It is also compatible with many kinds of textile auxiliaries such as anti-creasing, scouring, wetting and lubricating agents. It can be used for all starch or mixed starch sizes. It can effectively dissolve and remove the starches across broad pH and temperature ranges.

TYPICAL PROPERTIES

Appearance: clear yellowish brown liquid
PH (1% sol): 6 – 8

BENEFITS

Improved fabric quality
Excellent biodegradability
Safe handling and operation
Reproducible performance and easy use

USAGE

CHEMILASE ULTRA H1500 breaks down starch in textile size without any negative effect on the textile fibers. The optimum dosage of CHEMILASE ULTRA H1500 will depend on de-sizing condition, size composition and type of fabric.

Normally, the working condition is as follows

PH range: 5.5 – 7.5
Temp. Range: 60 – 95 °C
Duration: 15 – 30 min.
Quantity: 0.3 – 1.0 o.w.f. due to the starch

PACKAGING

120 Kg drums

Safety

Enzymes are proteins and may cause sensitization by inhalation of dust and may cause allergic reactions. Spilled product may dry out and create dust. Spilled material should be flushed away with water and avoid splashing.

CAUTION

After using, the remains must be stored in a sealed container at a cool place avoiding direct sunlight and not above 20°C. Its shelf life is 12 months in closed original containers

This information is based on our current technical knowledge and experiences. This does not exempt the processor from own tests and trials.