



MaxxZyme® ADS10X Cellulase Enzyme

MaxxZyme ADS10X is an alpha-amylase preparation produced using a strain of a non-pathogenic microorganism that breaks down starch and is especially effective for hydrolyzing starch in textile size. **MaxxZyme ADS10X** does not have any adverse effect on textile fibers. **MaxxZyme ADS10X** is classified as an alpha-amylase with IUB-No.: EC 3.2.1.1 and CAS-No.: 9000-90-2.

TYPICAL PROPERTIES

Form	Dark brown aqueous liquid
pH	5.0-6.7
Water Solubility	Soluble in water
Density, <i>g/ml</i>	1.1-1.3
Storage	Store below 50°C; Protect from freezing

APPLICATION

Apply **MaxxZyme ADS10X** in either the batch or continuous de-sizing step of the process. Preferred process conditions are:

Enzyme dosage:	0.05-0.5 g/liter
Liquid garment ratio:	5-20 liter/kg
pH of wash water:	5.0-9.0
Temperature:	50-100°C
Treatment time:	1-20 minutes

The pH of the wash water should be adjusted before enzyme addition. Acetate or citrate buffer or acetic or citric acid can be used for pH adjustments.

