

## TECHNICAL INFORMATION

### SEGAZYM 6D LIQ.

#### Amylase

SEGAZYM 6D Liq. can catalyze the starch into water soluble dextrin, oligosaccharides and glucose and suitable for fabric contains starch size in desizing treatment

- Removes the starch size thoroughly under a mild condition at mild acid to neutral pH
- Excellent catalytic property under wide temperature range and suitable for pad-storage, pad-steaming and exhaustion process
- No need for acid, alkali and oxidant during the desizing process
- Excellent biodegradability

#### ÖZELLİKLER

Appearance	Yellowish liquid
Chemical Structure	$\alpha$ -amylase
pH	4,0-6,0
Density	~1.09 g/cm <sup>3</sup>
Solubility	Easily soluble in water

#### APPLICATION

##### Exhaust process:

Segazym 6D liq.	1.0-5.0% o.w.f.
Segeprep JW	1g/L
pH	5.0-7.0
Temperature	60-90°C
Time	15-30 min.

##### Continuous process:

Segazym 6D liq.	4.0-10.0g/L
pH	5.0-7.0
Temperature	30-85°C

Piece dyeing machine: 2-4 cycles depended on fabric type

Padding and storage: 2-16 hours depends on temperature

Padding and steaming: 2-4 min.

#### NOTE:

- Dosage of Segazym 6D liq. is depended on the pick-up, 100% pick-up is recommended
- Storage time is according to the fabric type, size type, size concentration and temperature
- Adding penetration agent such as, Segeprep JW when padding the amylase to ensure a thoroughly penetration
- A fully washing after enzyme treatment is highly recommended for excellent desizing effect
- Iodine liquid can be used for desizing effect evaluation.
- Desizing effect can be assessed from TEGEWA VOILET SCALE

**Precautions****Safe Use and Transportation**

When the standard hygiene and operating rules are followed, SEGAZYM 6D Liq. does not cause any damage. However, if the product comes into contact with the skin directly for along time or in case of splashes on the skin, it should be washed with water.

**Storage:** It can be stored for 6 months under 25 °C. Enzyme activity may decrease under high temperature.

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