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## ZIAX 775-C

<b>Character</b>	Enzyme for pulp application
<b>Chemical Character</b>	Special cellulase blend
<b>Appearance</b>	Brown liquid
<b>Ionic Character</b>	Non-ionic
<b>pH Value</b>	5.0 – 6.0
<b>Specific Weight at 20 °C</b>	1.00 – 1.15
<b>Stabilities</b>	<p>Strong acids and alkalis impair the efficiency of ZIAX 775-C. Surfactants with anionic character also impair the activity.</p> <p>The enzyme is sensitive to oxidizing agents such as e. g. hypochlorite. ZIAX 775-C can tolerate a maximum of 3 ppm free chlorine.</p>
<b>Storability</b>	<p>At a storing temperature of 20 – 30 °C in closed containers ZIAX 775-C maintains its full enzyme activity for at least six months.</p> <p>A longer storage at temperatures above 30 °C and below 20 °C should be avoided.</p>

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The above given values are product describing data. Please consult the 'delivery specification' for binding product specifications. Further data about product properties, toxicological, ecological data as well as data relevant to safety can be found in the safety data sheet.

## Properties

ZIAX 775-C is suitable for treating various fiber raw materials. It can be applied on recycled and virgin fibers. The enzyme supports the fibrillation and decomposes fines.

If correctly adapted to the machine circuit the following effects can be achieved with ZIAX 775-C:

- Reduced refining energy
- Accelerated drainage
- Improved Schopper Riegler
- Better mechanical characteristics

## **Application Technique**

### **Diluting Instructions**

Prior to being added to the circuit ZIAX 775-C can be diluted by stirring in cold water.

### **Recommendation for Use**

The application quantity of ZIAX 775-C is approx. 50 – 300 g/t. The pH range should be between 4.0 – 8.0.

For achieving an optimum result the circuit temperature should be between 35 and 65 °C.

Deviations from these conditions can lead to a reduced enzymatic activity.

**We reserve the right to modify the product and technical leaflet.**

**Our department for applied technique is always at your service for further information and advice.**

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

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