



MIRACHEM INDUSTRIES

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EMCOZYME – HT – SUPER

Emcozyme – HT – SUPER is a liquid enzyme containing outstandingly heat stable α amylase produced by genetically modified strain of *Bacillus Licheniformis*. The synthetic name of enzyme is 1, 4 - α - D Glucan glucano – hydrolase.

- Has a unique feature of retaining activity with very high temperature.
- An effective Desizing enzyme for starch and its combinations with other sizes.

Properties

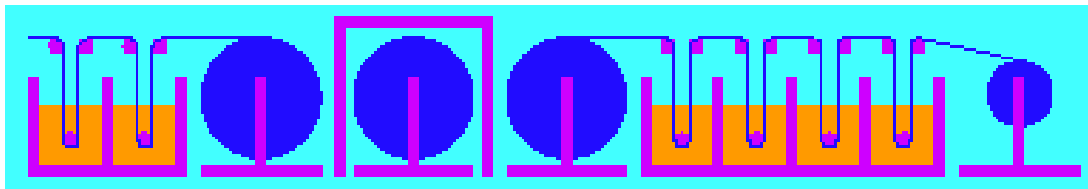
Appearance	: Yellow brown liquid.
Chemical Nature	: α Amylase enzyme
ph (2 % Solution)	: 7.0 ± 1.0
Solubility	: Soluble

Method of Application:- **Emcozyme – HT – SUPER** can be applied by following process.

Continuous Process.

Emcozyme – HT – SUPER	: 4.0 – 6.0 ml/lit
Instawet – NA	: 2.0 – 4.0 ml/lit
pH	: 6.0 – 6.5
Liquor pick up	: 90 – 100%
Impregnation Temp	: 80 – 110°C
Steaming	: 102°C
Time	: 2.0 – 3.0 minutes.

Semi-continuous Processes. (Pad Roll)



Emcozyme – HT – SUPER	: 3.0 – 5.0 ml/lit
Instawet – NA	: 2.0 – 4.0 ml/lit
pH	: 6.0 – 6.5
Liquor pick up	: 90 – 100 %
Impregnation	: 80 – 90° C (For Pad – Roll) 70 – 80° C (For Pad – Batch)
Time	: 2.0 – 3.0 Hours.

P.T.O. →



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The fabric is given thorough hot & cold wash to remove degraded products in both the above processes

Pls. Note :- Colour of product can vary from batch to batch. Colour intensity is not an indication of enzyme activity

Storage:

Best Before : When stored as recommended, the product is best used within 3 months from the date of delivery.

Storage Temperature : 0 – 25⁰ C (32⁰ F – 77⁰ F)

Storage Conditions : In unbroken packaging – dry and protected from the sun. the product has been formulated for optimal stability. Extended storage or adverse conditions such as higher temperature or higher humidity may lead to a higher dosage requirement.

General safety instructions

The usual hygiene and safety rules for handling chemicals should be observed in storage, handling and use. The product should not be swallowed. For further information, please consult existing safety data sheet.

Note :

The data contained in this communication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. Responsibility for compliance with the requirements of the downstream textile market rests with the textile processor.