



## EMCOZYME SCOUR – L

**EMCOZYME SCOUR – L** is an alkaline pectinase used for bio-scouring natural cellulosic fibres.

- It removes pectin and other impurities from the primary cell walls of the cotton fibres without any degradation of the cellulose.
- No cellulosic fibre damage.
- Less water and energy required.
- Fewer chemicals used.
- Environmental friendly solutions.

### Properties:

Appearance	: Yellow brown liquid
Chemical Nature	: Alkaline pectinase
Odour	: Slight fermentation odour
Organism	: Bacillus licheniformis.
Solubility	: Soluble
pH (2% solution)	: 5.5 – 6.5

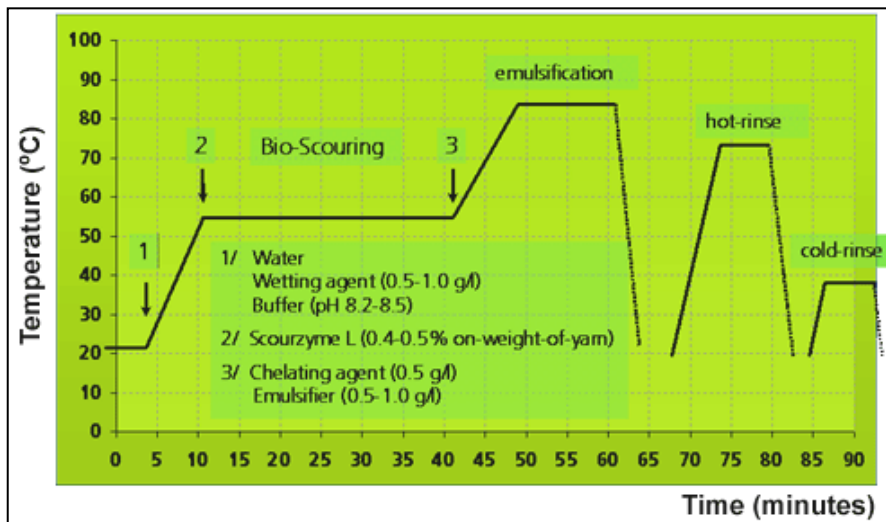
### Method of Application

**EMCOZYME SCOUR – L** can be applied in any type of equipment used for textile wet processing ie by pad systems, J. box, jet, and jigger.

### Recommended dosage

#### FOR EXHAUST

<b>Instawet – NA</b>	→ 0.5 – 1.0 gpl
pH	→ 8.0 – 9.0 (Using Na <sub>2</sub> CO <sub>3</sub> )
<b>EMCOZYME SCOUR – L</b>	→ 0.5 – 0.6 (o.w.f)





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## **FOR PADDING (Combined desizing and Bioscouring)**

### Emcozyme Process Recommendations

#### Padding Conditions



Process	Voile	Twill	Poplin
Ph	8.0 – 9.0	8.0 – 9.0	8.0 – 9.0
Temperature	50 – 60° C	50 – 60° C	50 – 60° C
Residence Time ( hrs )	4	4	4
Pick up %	60 – 70	75 – 80	75 – 80

#### Padding Liquor Preparation



Particulars	Voile	Twill	Poplin
Instawet – NA	4.5 gpl	4.0 gpl	4.0 gpl
Emcozyme – 73	-	6.0 gpl	6.0 gpl
EMCOZYME SCOUR – L	8.5 gpl	7.5 gpl	7.5 gpl

#### Washing



Particulars	Voile	Twill	Poplin
Temperature	90° C +	90° C +	90° C +
Wash Boxes	4	5	5

## **BLEACHING**



### **(Padding Conditions)**

Particulars	Voile	Twill	Poplin
Temperature	< 45° C	< 45° C	< 45° C
Pick up %	65 - 70	65 - 70	65 - 70

contd.....→



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## Padding Liquor



Process	Voile	Twill	Poplin
Peroxide – 50%	16.0 gpl	28.0 gpl	20.0 gpl
NaOH Lye	10.0 gpl	20.0 gpl	14.0 gpl
Miralyzer – CIPHA Liquid	4.0 gpl	6.75 gpl	4.75 gpl
Emsek – ET	2.5 gpl	3.5 gpl	3.5 gpl
Instawet – NA	3.5 gpl	4.0 gpl	4.0 gpl



Process	Voile	Twill	Poplin
Residence Time	20' – 22'	20' – 25'	20 – 25'



Process	Voile	Twill	Poplin
Temperature in Steamer	98°C	98°C	98°C

### Storage:

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

Storage Temperature : 0 – 25° C (32° F – 77° 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.