



EMCOZYME – QUENCHER - M

Emcozyme – QUENCHER - M is a catalase enzyme to remove residual hydrogen peroxide in an economical and environmentally friendly way. **Emcozyme – QUENCHER – M** converts hydrogen peroxide into water and oxygen in the following way:



This reaction takes place in a relatively short time and ensures that no residual peroxide is present by the time dyeing commences.

- Lower water consumption
- Reduced effluent out put.
- Safe dyeing and lower energy usage.
- Environmentally friendly solution

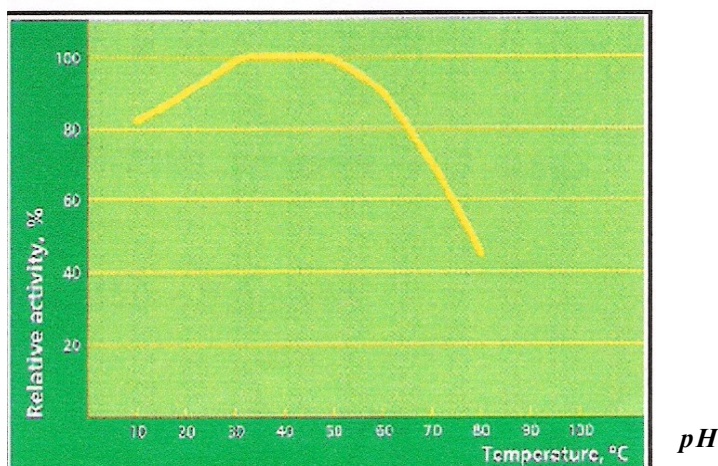
Properties:

| | |
|-------------------|---|
| Appearance | : Pale Yellow Liquid |
| Chemical Nature | : Enzyme based on catalase |
| Ionic Nature | : Anionic |
| Solubility | : Soluble |
| pH (2% Solution) | : 6.0 – 7.0 |
| Stability | : Resist to Hard Water |
| Storage stability | : Stable for 3 months if stored in a cool & dry place (Not sensitive to frost) |

Emcozyme – QUENCHER - M Properties

Performance of **Emcozyme – QUENCHER - M** varies depending on temperature and pH as follows.

Temperature



pH

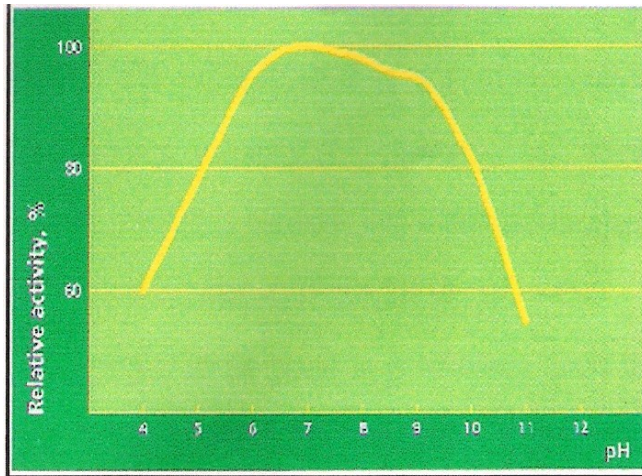




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Method of Application

Drain the spent bleach liquor.



Fill with fresh water to a required liquor ratio



Ensure for pH 6.0 – 8.0 and temperature below 50° C.



Add **EMCOZYME - QUENCHER - M** → 0.3 – 0.5 GPL



Run for 15.0 – 20.0 minutes.

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.