



MIRACHEM INDUSTRIES

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TECHNICAL LITERATURE

ENVFRND – ACID

Envfrnd – Acid is a **multifunctional product** to optimize the pretreatment of washing processes after alkaline pretreatment such as **MERCERISING, ALKALINE CRACKING, PEROXIDE BLEACHING** and assures consistent results in dyeing with true colour yield.





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Salient Features:

- Compatible with Enzymes.
- Suitable for continuous dyeing of polyester.
- No impact on finish and shade when used in finishing.
- Free from mineral acids.
- Most effective CORE ALKALI eliminator. Removal of Residual alkali and core neutralization of the textile goods.
- Cost effective.
- Low volatility and hard water stability gives an outstanding buffering action.
- The pH values on the stored material remains constant.
- Does not form Neutralisation salts, which can disturb the subsequent dyeing, printing and finishing.





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Properties:

Appearance	: Colourless to liquid
Chemical Nature	: Based on Special Organic acids.
Solubility	: Soluble in cold water
pH (2% Solution)	: 1.5 ± 0.5
Stability	: Resist to Hard Water
Specific Gravity	: 1.35

Compatibility with

- Wetting agents : Good
- Cleaning agents : Good
- Stabilizers : Good
- Reducing agents : Good
- Oxidising agents (H₂O₂) : Good
- Enzymes : Good

Storage Stability : Stable for 6 months

(When stored in a cool & dry place)





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Method of Application:

The exact amounts to be applied depend on the residual alkalinity, the required final pH and the quality of industrial water.

ENVFRND – ACID can be used during various processing stages of Fibre / Yarn / fabric such as: -

- For neutralizing after scouring.
- For oxidation of Vat dyeing.
- As core alkali neutralizer after mercerization.
- During disperse colour dyeing.
- During finishing.

As a general guideline 0.5 – 0.75 gpl of **Envfrnd – Acid** can be used for obtaining properly neutralized goods and during polyester dyeing to obtain the required pH of disperse dyeing (4.5 – 5.5).





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General safety instructions:

General 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.

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