



# MIRACHEM INDUSTRIES

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## **MIRA ACID PD LIQUID**

**Mira Acid PD liquid** is specially formulated pH buffering and dispersing auxiliary for the application of disperse dyes on polyester and polyester cellulosic blends during exhaust dyeing systems.

- Maintains a constant pH during the dyeing process
- Reproducible dyeings even with pH sensitive and metal sensitive dyes
- Addition of acid, acid salts or special dispersants not necessary
- Practically insignificant foam formation
- Easy to handle
- No obnoxious smell

### **Properties:**

Appearance	: Brownish liquid.
Chemical Nature	: Acid Buffer with Modified E. O. products
Ionic Nature	: Anionic
Solubility	: Soluble
pH (2% solution)	: 2.5 – 3.5
Stability	: Resist to hard water
Stability to	
• Acids	: Stable
• Alkalis	: Stable
Storage Stability	: Stable for 6 months if stored in a cool & dry place (Not sensitive to frost)

### **Method of Application:**

Exhaust dyeing of polyester & polyester/cellulosic blends:

Set the dye bath at 60°C with 1 – 2 ml /l **Mira Acid PD Liquid**

Run for 5 – 10 minutes

Add the dyestuff dispersion,

Run for another 5 – 10 minutes.

Continue dyeing as per the standard dyeing cycle.

### **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.