



# MIRACHEM INDUSTRIES

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## PEROXYCIDE – M

**Peroxydice – M** is a peroxide neutralizer designed to remove residual peroxide from the bleaching process before reactive dyeing.

- Eliminates residual hydrogen peroxide completely which results in better dyeing
- No degradation of the fibres or dyes
- Significant reduction of overall process costs due to savings in water, energy and process time
- Cost effective

### **Properties:**

Appearance	: Colourless liquid
Chemical Nature	: Reducing Compound
Ionic Nature	: Anionic
Solubility	: Soluble
pH (2% solution)	: 4.0 – 5.0
Stability	: Resist to hard water
Storage Stability	: Stable for 6 months if stored in a cool & dry place (Not sensitive to frost)

### Compatibility with

- Wetting agents : Good
- Detergents : Good
- Stabilizers : Good
- Reducing agents : Good
- Oxidizing agents (H<sub>2</sub>O<sub>2</sub>) : Is completely oxidized

### **Method of Application:**

**Peroxydice – M** is used in the first rinse bath after draining off the bleach liquor to kill residual peroxide. This eliminates the need for further rinsing, thus saving time and water.

The amount of **Peroxydice – M** needed depends on the amount of hydrogen peroxide left after bleaching. Generally the dosage of **Peroxydice – M** should be approximately 1.0 to 4.0 g/l.

This treatment can be applied by the following method:

**Discontinuous process** (jigger, winch, overflow, jet and other machines with circulation of the goods or liquor)

<b>Peroxydice – M</b>	→	2.0 – 3.0 g/l
Temperature	→	80 – 85° C
Treatment time	→	10.0 – 15.0 mins.

Drain, cold wash and neutralization.

**P. T. O. →**



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(Note: To ensure that the residual peroxide has been completely neutralised test with MERCK peroxide test papers or by spotting the fabric directly with titanyl chloride reagent)

## **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.