



# MIRACHEM INDUSTRIES

B-310, Virwani Industrial Estate  
Off Western Express Highway  
Goregaon (East), Mumbai - 400 063, India  
Tel.: +91 22 42417575 / 29271378  
Fax: +91 22 42417550

www.mirachemindustries.com  
Email:  
admin@mirachemindustries.com  
mirachem@bom5.vsnl.net.in  
mirachemindustries@gmail.com

## **MIRAPREX**

**Miraprex** is an organic stabilizer for peroxide bleaching of cotton with low foam, making it most suitable for high turbulence equipments.

- Eliminates use of sodium silicate as a peroxide stabilizer.
- Chelating and dispersing property
- Improves whiteness
- Prevents catalytic damage by heavy metal ions
- Ensures efficient use of hydrogen peroxide

### **Properties**

Appearance	: Colourless liquid
Chemical Nature	: Organo phosphonates
Ionic Nature	: Weakly Anionic
Solubility	: Soluble
pH (2% Solution)	: 6.5 - 7.5
Stability	: Resist to Hard Water
Compatibility	: Compatible with anionic & non ionic compounds
Storage stability	: Stable for 6 months if stored in a cool & dry place (Not sensitive to frost)

### **Method of Application**

**Miraprex** has high thermal stability because of C-P bond. Hence, it can be used at much higher temperatures.

A guideline recipe for scour-bleach process may be as follows :-

#### **Soft Flow Machine**

<b>Miratul – WA</b>	→	2.0 - 4.0 g/l
<b>Emco - NDA</b>	→	0.2 - 0.4 g/l
<b>Miraprex</b>	→	0.3 - 0.6 g/l
<b>Emclean – CP</b>	→	0.5 - 1.0 g/l
Caustic Soda Lye	→	8.0 - 10.0 g/l
Hydrogen Peroxide	→	2.0 - 4.0 g/l

(Recipe may be altered as per the type of the machine, fabric and desired results).



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## **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.