



# MIRACHEM INDUSTRIES

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## EMOIL

### Properties

Appearance	: Off white paste
Chemical Nature	: E. O. Condensates
Ionic Nature	: Nonionic
pH (2 % Solution)	: 8.5 – 9.5
Solubility	: Dispersible
Stability	: Resist to hard water.
Storage Stability	: Stable for 6 months if stored in a cool & dry place.

In yarn processing, due to hydrophilic nature imparted by **Emoil** to yarn, dye uptake gets increased in dyed yarn and optical whiteners uptake is increased in bleached yarn giving them dazzling look in addition to lubricant feel making it possible to replace all sorts of other compounds. **Emoil** is padded on the textiles at 20-30 gpl. **Emoil** is used in the dyeing of yarn, as well as in the final rinse at the dosage 2-5 gpl.

Improves **lubricating and antistaticity** of textiles and fibre, and yarns.

As a yarn-lubricating agent it has a very distinct advantage than other oils as it is not an oil but an aqueous based product hence, can be diluted as per requirement making it very economical. In subsequent operations such as sizing due to its hydrophilic properties. It also helps to absorb size uniformly, instead of resisting the absorption as in the case of oils, which form an oily coating on the fibre. Also other oils may break up in hot sizing solutions and impart oil stains to the yarn, which is totally ruled out here, as it is an aqueous emulsion.

Imparts hydrophilic nature to textile, yarns and fibres.

Textiles and yarns treated with **Emoil** get luxurious soft feel.

**Emoil** combines the advantages of various costly textile treatment compounds and improves the absorbency of all sorts of textiles and yarns. Hence it is especially suitable for hydrophilic treating of terry towels and synthetics.

### 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.