



**COLORIQ**  
The Chemistry Behinds...

## **COLORSOFT YL LIQUID**

Yarn lubricant for improving gliding properties of bleached/dyed yarn

### **Product Information**

The perfect winding control of modern winding systems now permits the further processing of yarn packages directly after dyeing, thus making it possible to eliminate rewinding in most cases.

However this presupposes that the yarn after dyeing is finished with an effective lubricant. In this case, Colorsoft YL liquid is applied as lubricant in the last rinsing bath after dyeing. Colorsoft YL liquid furnishes the fibre with smooth and sliding properties. It decreases the interfriction between fibres and avoids the abrasion damage of the fibres by the metal surface of the machine. It is a no foam product which is suitable for all kinds of fibres. It also facilitates the unwinding and winding of hank-bleached and hank-dyed yarns.

Colorsoft YL liquid is especially designed to be used for improving abrasion resistance, tear strength and tensile strength of yarns. It is suitable for all kinds of yarns. It is compatible with all types of softeners in finishing bath.

### **FEATURES**

- Improves abrasion resistance properties.
- Imparts good gliding effects and an excellent soft handle to the yarn.
- Makes hard waxing or oiling the yarn unnecessary.

- Retains the strength of the yarn
- It does not affect the shade or fastness properties of dyed yarn.
- Causes no thermo-migration when polyester fibres are dyed with disperse dyes
- Causes no yellowing of yarn, hence no effect on whiteness of optically brightened yarn
- Reduces fibre-metal friction, thus facilitating further operations such as twisting, rewinding, weaving and knitting.
- Provides soft handle with an excellent surface smoothness.
- No yellowing
- Is free from any tendency of yellowing at high drying and curing temperatures; therefore suitable for use in resin finishing of white goods.
- Stable to hard water.
- Low foaming
- No shade change on coloured fabric.
- Compatible with silicones & OBA's.
- Ecological as it is free from APEO, nitrogen and phosphorous.

## PROPERTIES

Appearance -----→ Off white liquid

Ph -----→ approx.7.0

Ionic nature-----→ Non-ionic

Compatibility with Cationics -----→ Good

Anionics -----→ Good

Non-ionics -----→ Good

Stability to hard water -----→ Good

## **DOSAGE & APPLICATIONS**

The dosage of Colorsoft YL liquid depends upon the desired strength and softness.

However, a guideline is provided for effective usage of product..

### **For Cellulosic fibres:**

- 1.0-3.0%      Colorsoft YL liquid
  - 0.3-0.5%      Coloracid AS liquid for pH:5-6
- Treat at 30°C for 15-20 mins

### **For Synthetic fibres:**

- 1.0-3.0%      Colorsoft YL liquid
  - 0.3-0.5%      Coloracid AS liquid for pH:6-7
- Treat at 30-40°C for 15-20 mins
- Hydroextract & dry

In line with the ecological processing, it is recommended to reuse the exhausted treatment bath. Since under the above working conditions Colorsoft YL liquid exhausts onto the fibre virtually completely, the residual liquor can be reused for washing, bleaching and dyeing operations without problems.

## **CAUTION**

- 🌿 In case of skin contact, wash with plenty of water.
- 🌿 In case of eye contact, wash with plenty of water and seek medical advice.

## **PACKING MATERIAL**

**50KG BAG PACKING.**

## The storage guidelines for the product

### 1.Storage Conditions:

- 🌍 Store the product in its original container.
- 🌍 Keep it in a dry, dust-free location at temperatures below 50°C.

### 2.Ventilation and Compatibility:

- 🌍 Ensure the storage area is well-ventilated.
- 🌍 Keep the product away from incompatible materials (as specified in the Material Safety Data Sheet) and food items.

### 3.Container Handling:

- 🌍 Seal the container tightly after each use.
- 🌍 Avoid pouring unused material back into the container.

### 4.Shelf Life:

- 🌍 The product remains usable for at least 24 months from the date of manufacture.

## WORK

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