



COLORIQ
The Chemistry Behinds...

COLORCREASE (CONC)

Anti Crease and Lubricating Agent

Product Information

Colorcrease (conc) is a concentrated polyacrylate based lubricating agent and crease preventing agent for natural and synthetic fibres and their blends.

The product is specially recommended when fabric is processed at low liquor ratio on machines with high shear forces. Due to its chemical nature, the product can be used in pre-treatment, dyeing as well as in washing-off process. It is an ideal lubricating agent for different types of Cationic Dyeable Polyester/Polyester blends. It forms a thin, uniform protective coating around the fibre to lower the surface friction and flexural rigidity, thus minimizing the formation of durable creases during high temperature wet-processing of polyester.

FEATURES

- Concentrated form.
- Versatile.
- Highly efficient.
- Prevents metal to fibre friction.

BENEFITS

- Economical.
- Suitable for pre-treatment and dyeing of cotton, polyester & polyester blends.
- Prevents chaffing or crease marks during processing.
- Uniform dyeing in combination with phthalocyanine types of dye.

PROPERTIES

Appearance -----→ White granules.

pH 1% -----→ 7.5 +/- 1

Ionic character-----→ Anionic

Miscibility -----→ Soluble in water with vigorous stirring or soaking overnight

Compatibility -----→ Compatible with anionic and non-ionic products

Stability -----→ Stable to dilute acids and dilute alkalis

DOSAGE & APPLICATIONS

Exhaust application:

Depending upon the fabric type, construction, weave pattern, fabric weight, 1-2 g/l of diluted 1.5% Colorcrease (Conc) is recommended.

Note:

Fill water in the machine. Add Colorwet-R followed by addition of colorcrease (Conc). Load fabric at 50 rpm speed (30% rpm of original rpm of running batch). Run for 10 minutes (3 cycles) and then add bleaching auxiliaries.

It is advisable to use Colorcrease (Conc) at a maximum temperature of 99 deg.C and not beyond.

Instructions For Dilution

I. Best method for Dilution:

Colorcrease (Conc) to be soaked in DM water (1.5 kgs) for 12-16 hours, then stirred next day, very low stirring or hand stirrer for homogenisation. Filter/strain product through 200-250 mesh nylon filter cloth to remove undissolved particles /lumps if any

II. Quick method for Dilution:

Take 1.5 parts of Colorcrease (Conc) into 98.5 parts of DM water at 60-70 deg.C, under constant stirring at 150-200 rpm. Slowly add the required quantity of Colorcrease (Conc) over a period of 45 to 60 min. Continue stirring by maintaining the temperature for additional 90 minutes. Allow to age for 2-3 hours. Filter the solution if small undissolved particles or lumps are observed.

Note:

It is recommended to add Kathon-LX or Anticide-MV both preservatives are based on (5-chloro-2-Methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one) at concentration 0.025-0.1%.

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

25KG 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:

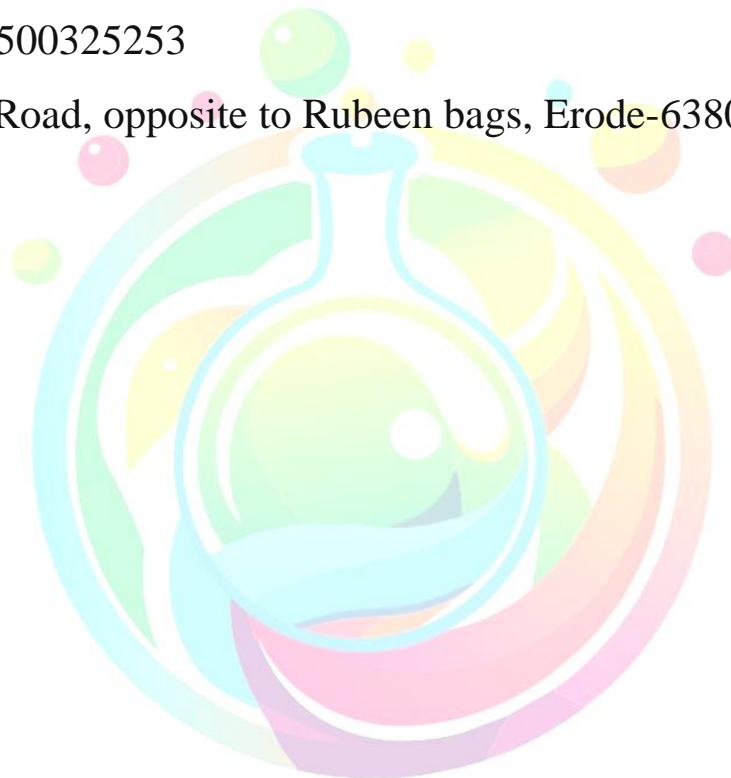
- The product remains usable for at least 24 months from the date of manufacture.

WORK

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