

BIOSCOUR CL

HIGH PERFORMANCE, BIODEGRADABLE, ENZYMATIC SCOURING AGENT

SALIENT FEATURES

- ▶ Biodegradable enzymatic preparation
- ▶ High chelating action on calcium, magnesium & iron
- ▶ Does not increase COD levels, APEO free.
- ▶ High desizing, scouring actions
- ▶ Saving in water consumption
- ▶ No need to add caustic soda, soda ash & other chemicals
- ▶ Shortening of pretreatment process
- ▶ Imparts excellent absorbency

CHARACTERISTICS

Appearance	: White to off – white powder
Chemical Nature	: Enzymatic propriety preparation
Ionic Nature	: Not applicable
Solubility	: Easy to dissolve in water
pH (1% aq. Sol.)	: 11 – 12
Stability	: Hard Water, Alkali & Acid, Nonionic & Anionic – Good

APPLICATION

Substrate	: Cellulosic, polyester & their blends
Machines	: Circulatory & non-circulatory machines
Function	: Desizing, Scouring & Absorbency
Guide Recipes	: Dilute with water before adding to the bath

- **Treatment of cotton woven fabric on jigger –**

For dark shades & blacks –

2-3% of **Bioscour CL** at 90°C for two hours alone gives excellent absorbency & scouring. Thus providing savings in other chemicals & treatment time.

For Light – medium shades –

Bioscour CL	2.0 – 3.0%
Hydrogen Peroxide (50%)	2.0 – 3.0%
Camahold HP	0.4 – 0.6%

Treat at 90°C for two hours, followed by wash & neutralization.

For full white –

1) Hypochlorite treatment with 2 g/l available chlorine solution alongwith **0.25% of Camascour LFW – C** at room temperature for 2 hours. Followed by rinsing at room temperature.

2) Treatment with

Bioscour CL	2.0 – 3.0%
Hydrogen Peroxide (50%)	4.0 – 6.0%
Camahold HP	0.6 – 1.0%

At 90⁰C for 4 hours, followed by wash & neutralization.

3) Treatment with Optical brightening agent.

- **Scouring – Bleaching of cotton Knit –**

Bioscour CL	2.0 – 3.0%
Camascour LFW *	0.1 – 0.2%
Hydrogen Peroxide (50%)	2.0 – 3.0%
Camahold HP	0.4 – 0.6%

Treat at 90⁰C for one hour, followed by wash & neutralization.

Treatment with **Camakil PK** at 70⁰C for 20 minute may be given to remove the traces of residual peroxide. Then drain, wash & neutralize.

* Optional for extra absorbency

- **Pretreatment of polyester fabric –**

Treatment with **2-3% Bioscour CL** and **1% Camapol D paste** at boil for 30 minutes, rinse clear & neutralize.

(% on weight of material).

SPECIAL REMARKS

Storage Stability : Minimum 6 months under normal conditions of storage
Container : 25 kg bags

Disclaimer: All recommendations for the use of our products, whether given by us in writing, orally or to be implied from the results of trials, are based on our present state of knowledge & experience. Owing to the variation in local application conditions, they can not be claimed to be complete. Hence, we can not accept any responsibility thereof. All claims, liabilities – also with a view to claim of third parties – are excluded. It is advised to conduct lab & bulk trials before using in bulk production.
