



PISCAN CENTURY CHEMICALS PTE LTD

Head Quarters : Singapore

No. 13 Tuas Link 1 Singapore 638589 Tel : (65) 6862 6028 (6 Lines) Fax : (65) 6862 6018

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BIOSCOUR APL / 06-2008

BIOSCOUR APL

BIOSCOUR APL is a weak acidic, liquid type, environmentally friendly enzymatic product designed for the scouring and pretreatment preparation of knitted greige cotton, fabrics and fibres, T/C, cellulosic blended goods prior to the dyeing and finishing processes.

BIOSCOUR APL processed in a mid temperature, one bath process removing non-cellulosic components of fabrics such as waxes, pectins, lignin, ashes, mineral salts and size lubricants without any degradation to the fabric tear strength. It yields better absorption of dyes and auxiliaries in the dye bath, enhancing dye evenness.

The use of **BIOSCOUR APL** improves batch reproducibility, softness of fabrics and yield of dyed batches; may omit totally the need to conduct cotton fabric surface fuzz clean up, reduces overall costs, including effluent treatment (BOD, COD etc) and process time.

PISCAN BIOSCOUR APL does not contain APEO and Ecotex 100 banned list of chemicals.

PHYSICAL PROPERTIES:

Appearance : Viscous Brownish Solution

pH value (1g/L) 25°C : 5.0 +/- 1

Odour : Slight

Solubility : Miscible in water

Users Recommendation for Bioscour Treatments on Knitted Fabrics / Cotton / T/C

Liquor Ratio : 1:6 – 1:12

Temperature : 45 °C – 65 °C

Dosage of **Bioscour APL** : 0.5 – 1g/L (0.5% - 1% o.w.f)

Time (Duration of Treatment): 30 – 60 mins (Depending on M/C type, fabrics)

Advantages of using BIOSCOUR APL

- ✓ Saving of reactive dyes by 5-10%, especially on monosulphonated reactive dyes
- ✓ Reduced pilling effect, may eliminate the fabrics surface clean up process
- ✓ Increased treated cotton yield: **BIOSCOUR APL** reduces cotton wastage
- ✓ Increased absorbency: Increased dye depths, evenness of dyeing.
- ✓ Increased fabrics softness & bulkiness, thereby reducing costs of softening (Yarn and knitted goods)
- ✓ Reduced waste water pollution: No addition of other auxiliaries like: bleach stabilizer, wetting and emulsifying agents, detergents, defoamers.
- ✓ Eliminate neutralizing Chemicals, catalases, rinses

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- PACKINGS** : 30kg Jerry Cans/120kg HDPE Drums
- STORAGE** : Keep in a cool and dry place. Avoid direct sunlight, heat source. Close container's lid tight when not in use to avoid possible contamination. When kept at below 25°C under enclosed condition, the product is stable for at least six months from date of production.
- TRANSPORT** : Product is not hazardous for transportation and is not classified as marine pollutant.

Separate MSDS is available upon request

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SS ISO 9001: 2000



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Piscean Century Chemicals Pte Ltd does not take liability to the effectiveness of the products since users application conditions may be different.