



PRODUCT LITERATURE

SARAPOL-AIO (CONC)

Product Information

Sarapol-AIO (Conc) is All-in-One speciality product for pretreatment of cotton yarn, cotton fibres, cotton knits, terry towels and fabrics. Due to its unique formulation it acts as a wetting agent cum detergent and peroxide stabiliser. Thus, combined scouring and bleaching can be carried out using only caustic soda and peroxide alongwith Sarapol-AIO (Conc). Sarapol-AIO (Conc) is low foaming and thus suitable for soft flow machines as well as low liquor ratio package dyeing machines. Sarapol-AIO (Conc) can also be used for combined scouring and bleaching at 110 deg.C.

Key Features & Benefits

Key Features

Multifunctional

Low foaming

Stable to high temperature

Benefits

Ease of operation

Suitable on all machines

Combined scouring & bleaching
can be carried out at 110 deg.C

General Characteristics

Physical appearance : White paste

Ionic nature : Nonionic.

pH of 1% solution : 5.5 +/- 1

Miscibility : Readily miscible with water.

Compatibility : Compatible with anionic, cationic and
nonionic products.

Stability : Stable to dilute acids & dilute alkalies

Application

1. Preparation of material for dyeing :

0.4-0.6% Sarapol-AIO (Conc)

2-3% Caustic soda flakes

2-3% Hydrogen peroxide 50%

Treat at 95-110 deg.C for 45-15 min.

2. Preparation of material for optical brightening :



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0.6-1% Sarapol-AIO (Conc)
3% Caustic soda flakes
1% Saraquest 2UD
6-8% Hydrogen peroxide 50%
Treat at 95-110 deg.C for 90-45 min.

NOTE: For combined scouring and bleaching. Avoid iron contamination which could interfere with performance of Sarapol-AIO (Conc). Iron contamination could be from material / rust, from water or from basic chemicals like caustic due to improper storage in MS drums.

Instructions For Dilution

Procedure to make 25% of Sarapol-AIO (Conc)

Take 63 parts DM water, add 1 part Xanthane gum. Using Turbo stirrer at 2000-3000 rpm, stir for 20-25 mins to make homogeneous viscous paste. To this mixture, add 36 parts of Sarapol-AIO (Conc) and stir at 2000-3000 rpm for 5-10 mins till get homogeneous paste.

It is recommended to add 0.1% Bronopol (2,Bromo 2 Nitropropane, 1,3 Diol) or Methyl Paraben (Methyl Para Hydroxy Benzoate) as an antimicrobial agent to avoid fungal/microbial formation.

Adjust pH of final dilution to 5.5-6 for good storage stability.

Precautions

Storage : Store in cool, ventilated shed away from heat and direct sunlight.Storage temperature should not exceed 35 deg C.Close lids firmly to avoid contact with air and moisture.

Shelf Life : 9 months from the date of manufacturing, if stored under controlled conditions.