



PRODUCT LITERATURE

ENVICARE-SC

Product Information

Envicare-SC is a low foaming, APEO/NPEO free, clay based all in one pretreatment product used for discontinuous bleaching of cotton yarn and knit fabric. Envicare-SC acts as a wetting cum detergent and peroxide stabilizer. The product is low foaming, therefore suitable for soft flow machines as well as package dyeing machine. The product is suitable for all fabric processing including terrytowel.

Pretreatment with Envicare-SC achieves excellent whiteness, absorbency and rewetting properties. It also has lubrication properties and ensures smooth running of fabric during bleach process.

Envicare-SC is Stable to high temperature and alkaline conditions hence can be used in high pressure machines soft flow etc. upto 110 deg.C. Apart from this, Envicare-SC can be used as machine cleaning agent for soft flow, Jet dyeing machine, Package dyeing and Jig. Due to absorption property of product Envicare-SC works effectively for removal of unfixed dye and other impurities.

Key Features & Benefits

Key Features

Excellent cleaning action

Clay based stabilizer

Stable to high temperature and alkaline conditions

Lubricating action

Benefits

Excellent absorbency and rewetting properties which helps to absorb unfixed dye and other impurities

Brilliant bright whites can be obtained in full white recipe.

Combined scouring and bleaching can be carried at 110 deg.C.

Ensures smooth running of the fabric during bleaching process.

General Characteristics

Physical appearance : Off white to creamish pourable paste
Ionic nature : Anionic
pH of 1% solution : 8 +/- 1



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Miscibility : Miscible with water
Compatibility : Compatible with anionic and nonionic products
Stability : Stable to dilute acids, dilute alkalies

Application

Envicare-SC can be used for pre-bleaching, prior to dyeing and full bleaching for whites using optical brightening agents.

Bleaching for full whiteness:

Wet out the greige fabric at 20 - 40 deg.C with

2.0 - 3.0 g/l Envicare-SC

Run for 5 to 10 min., then add:

2.0 - 3.5 g/l caustic soda 100%

6.0 - 10.0 g/l Hydrogen Peroxide (50%)

X % bleach-resistant optical brightening agent

Raise temp. to 95-110 deg.C,

Bleach for 30-90 min. depending upon final temp.

Rinse hot and cold wash, neutralisation to ensure optimum degree of whiteness. If required, optical brightener can be added in the last rinse prior to softening.

Pre-Bleach before dyeing:

1.0 - 2.0 g/l Envicare-SC

1.5 - 3.0 g/l caustic soda 100%

g/l hydrogen peroxide 50%

Bleach for 30-45 min. at 95-98 deg.C

2.0 - 3.0

As a machine cleaning agent:

1.0 - 2.0 g/l Envicare-SC

Treat for 20-30 min. at 80-90 deg.C

Rinse

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.



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[The above information is given in good faith and is without warranty]
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