



Sarex Chemicals

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PRODUCT LITERATURE

BLEACH-811

Product Information

Bleach-811 is a very low foaming speciality product for pretreatment of cotton yarn, cotton knits, terry towels and their blends available in powder form. Due to it's unique formulation it acts as a wetting agent, detergent and peroxide stabilizer and also no caustic is required during bleaching. Thus, combined scouring and bleaching can be carried out using only peroxide alongwith Bleach-811. As caustic is not added during bleaching, the total dissolved solids (TDS) of effluent will be low.

Due to low foaming characteristic, it is suitable for soft flow machines as well as low liquor ratio package dyeing machines and jet dyeing machines.

Key Features & Benefits

Key Features	Benefits
Unique formulation	Wetting agent, detergent and peroxide stabilizer
No caustic used in the process	Lower degradation and weight loss of treated fabric
Stable at high temperature	Combined scouring and bleaching can be carried out at high temperature
Low foaming	Suitable for soft flow and jet dyeing machines
Eco-friendly	- Low Chemical Oxygen Demand (COD) of effluent - Low total dissolved solids (TDS) in effluent

General Characteristics

Physical appearance	: White powder
Ionic nature	: Nonionic to Weakly Anionic
pH of 1% solution	: 13 +/- 1
Miscibility	: Soluble in water
Compatibility	: Compatible with anionic and nonionic products
Stability	: Stable to dilute alkalies and dilute acids



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Application

For Soft flow machine:

1. Recipe for RFD fabric (Ready for Dyeing fabric:

Bleach-811 : 1.2-1.5 %
Hydrogen peroxide (50%) : 2-2.5 %
Celldet-R : 0.2-0.3%
Temperature : 95-110 deg.C
Time : 45-15 min

2. Recipe for Full white fabric:

Bleach-811 : 1.8-2.2 %
Hydrogen peroxide (50%) : 6.0-8.0 %
Celldet-R : 0.2-0.3%
Temperature : 95-110 deg.C
Time : 75-30 min

Note:

- For high GSM fabric, 0.1 % Saracrease-HG (Conc) is recommended.
- Ensure that the bleach bath pH is > 10.8 throughout the process. If it is not, adjust with Bleach-811.

For continuous bleaching on CBR:

Recipe:

Bleach-811 (20% solution) : 30-40 ml/kg
Hydrogen peroxide (50%) : 35 ml/kg
Celldet-R : 2 ml/kg

Instructions For Dilution

Bleach-811 to be used as is

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.

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

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