



FLORESCENT BRIGHTENER FOR COTTON

Technical Data Sheet

Version : 22012010-1.0

Contact us

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Composition

- ◆ Derivative of Stilbene Disulphonic Acid.
- ◆ Anionic.

Properties

- ◆ Physical appearance : greenish yellow powder.
- ◆ pH value : 8.0 – 10.0 at 30°C.
- ◆ Solubility : 150 g/L at 30°C.

Advantage & Features

- ◆ Slightly bluish tone , can be use in exhaust and continues , Not recommended for processing hospital use, kitchen use fabric, etc.
- ◆ Product need very much care during process regarding pH and temperature controlling.
- ◆ For Cotton fiber applications

Storage and Lifetime

- ◆ When storage correctly in sealed containers has a self life to 12 months.
- ◆ The product should be protected from direct light.
- ◆ Packaging in an 25 Kg carton boxes.



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Application

Exhaust process		
	Without bleach	With Bleach
Florescent Brightener For Cotton	0.15 – 1.75%	0.3 – 3.5%
Sinarscour SSB		1 – 2 g/L
Sodium Sulphate	3 – 5g/L	3 – 5g/L
Sodium Hydroxyde		0.5 – 3.0g/L
35% Hydrogen peroxyde		5 – 10ml/L
Temp	50 – 95°C	80 – 95°C
Time	20 – 30 minutes	45 – 60 minutes

Fastness

Light Fastness	:	3-4
Washing Fastness		
40°C	:	5
60°C	:	4-5
90°C	:	3-4
Perspiration Fastness		
Acid	:	5
Alkaline	:	5
Gas Fume Fastness	:	4-5
Dry Heat Fixation at 180°C	:	5



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Stability

	In the liquor	On the fibre
Hypochlorite bleach liquors	Not stable	Good
Sodium hypochlorite bleach liquors	Not stable	Not stable
Peroxide bleach liquors	Very good	Very good
Hydrosulphite bleach liquors	Very good	Very good
Acids	Slightly stable	Good
Alkalis	Good	Very good
Hardness water	Very good	-

Compatibility

Resin finish	:	Very good (pH>5)
Anionic and Non ionic Softener	:	Very good
Anionic and Non ionic Wetting agents	:	Very good
Cationic chemicals	:	Not compatible

Notes Concerning the Application

1. Do not expose the diluted solutions to direct light.
2. Cationic auxiliaries must not be used in liquors that contain Sinarwhite SBU e480 since they can lead to precipitations.
3. Nitrate salts catalyst can only be used in finishing when the goods are thoroughly washed after curing to avoid brown discoloration on exposure to light.
4. The pH must be higher than 5 when magnesium chloride is used in reactant finishes, otherwise precipitation will occur.

We sold and making products as per customers need

All the information is based on our knowledge and experience. This is being provided for guidelines without obligations. Customer are encouraged to carry out trials at their end. All standard safety precaution applicable should be followed while handling as with all other dyes and chemicals.