

TECHNICAL DATA SHEET

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CHEMGREEN URX

Counter Type of UREA

PRODUCT DESCRIPTION

Printing and Dyeing can be used instead of urea in business , biological fully separable, help the environment and very convenient to study chemical ecology .

CHARACTERISTIC

Chemical Structure	The mixture of suitable organic and inorganic chemicals
Appearance	Slightly off-white , viscous
Ionic Structure	nonionic - anionic
pH	9,0 - 11,0
Solid Content (160°C)	% 38 - 40

PROPERTIES

- Reactive printing paste of urea in reducing the use and in the near future abolition environmental impacts in terms of an inevitable necessary. Reactive printing paste thickener as sodium alginate or sodium alginate - synthetic thickener mixtures , using print material as cotton or viscose, Urea , rather than the amount of urea of 1 / 20 the **Chemgreen URX** , using the laboratory , the sample and production trials conducted , in these studies is collected positive data and improvements made at the end of production intensive studies **Chemgreen URX** a suitable product which has been recognized .
- Print the last wash did not change in performance , but during Steaming air , water and soil by washing the nitrogen rate was nearly zero .
- There is no adverse effect, drying performance, and printing rate.

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APPLICATIONS

Reactive printing instead of urea ;

The use of urea as the amount of 1/20 to be taken ;

Cotton fabrics 100 g / kg when using urea 5 g / Kg Chemgreen URX ****

Viscose fabrics 200 g / Kg when using urea 10 g / kg Chemgreen URX +30 g / kg Urea use is sufficient.

Instead of urea in pad bach and Pad Dry Dyeing System: Open width the fabric dyeing , in both continuous and discontinuous dyeing methods are used instead of urea .

- Dye positively affect the resolution .
- During the drying away of water controlled Makes an image due to the effect of creating this **Antimigration** provides for a smooth surface for painting .
- **Aggregation** Dye lowering and diffusion of molecules has the effect of increasing , with these effects and also frequently textured fabric in the dyeing of high twisted advantage.
- Increase in yield dyes are observed.

PACKAGING

Packaging type

Plastic drums of 60 , 120 kg and 1000 kg containers.