

TECHNICAL INFORMATION

SEGASOL S

Protecting agent, against the reduction of sensitive paint during the dyeing and printing

Segasol S is oxidizing material, prevent the reduction of dye in neutral and alkaline. It uses;

- when dyeing with direct and reactive dyes for cellulosic fibers, particularly with under alkaline conditions
- with reactive and direct dyes when direct printing fixed with steam.
- discharge printing flooring is painted with reactive dyes,
- as oxidizing agent for the development of vat and sulfur dyes

PROPERTIES

| | |
|---------------------------|---|
| Appearance | Yellowish grain |
| Ionicity | Anionic |
| Chemical structure | Nitro aryl derivatives |
| pH | 7.0 – 8.0 (20 °C, 2 g/l) |
| Solubility | 200 g/l (water) |
| Durability | -Salts good -Acids precipitation may occur -Alkali good -Hard water good |
| Compatibility | -Anionic good -Nonionic good -Cationic not compatible |

APPLICATION

Preparing

Segasol S dissolves easily in water and added in dye bath without problems. Due to the concentrated liquid form may participate directly in the printing paste.

Application

Continuous dyeing process

- Padding and drying with reactive dyes (Pad-Dry) / padding-chemical-vapor (Pad- Steam) process

To protect the dye during steaming in liquor ; 1-2 g / l Segasol S

- Wet pad steam process with reactive dyes

In this process there is no need for intermediate drying.Recommended, 5-10 g/l Segasol S added in dye pad liquor accordance with the steaming time.

- Pad-dry / steam process with reactive dyes

This process there is need for intermediate drying.1-2 g/l Segasol S added in dye pad liquor

Printing

- Direct printing with reactive dyes

5 – 10 gr/kg Segasol S added in printing paste.

- Discharge painting on grounds dyed with reactive dyes

If 4-10 g/l Segasol S added, tons changed blocked in the ground.



Exhaust Dyeing

- Dyeing with direct or reactive dyes on cellulosic fibers at boiling point

Cotton 1g / l Segasol S

Viscose for 1 - 2 g / l Segasol S

- Soaping of the reactive dye

Soaping alkaline conditions on sensitive dyes at boiling point

0.5 – 1 g/l Segasol S (pH 9-10)

- Oxidation of vat and sulfur dyes (mostly black)

After dyeing and rinsing at 60 ° C for 20 minutes (or 80 ° C for 10 minutes), 3 g/l Segasol S

SAFE USE AND HANDLING

When Segasol S is used in accordance with good hygienic and industrial practices, it will not present any hazard. However, prolonged skin contact with neat product should be avoided.

Storage : Under normal conditions and closed containers 12 months.

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