



PRODUCT LITERATURE

ECOGUARD SR-6

Product Information

Ecoguard-SR 6 is a new generation stain releasing fluorocarbon based on C6 chemistry. It imparts very good stain release properties on cotton, polyester and their blends. It also imparts oil and water repellency. The finish on substrate allow the stains to leave fabric faster and makes the fabric clean. Treated fabric is durable to multiple home launderings.

Key Features & Benefits

| Key Features | Benefits |
|---------------|---|
| Performance | Excellent stain release coupled with oil and water repellency |
| Ecofriendly | PFOA below detectable limit |
| Durable | Good stain release property even after multiple home laundering |
| Feel | Does not impair breathability and handle of the fabric |
| Non-yellowing | Suitable for white and pastel shades |

General Characteristics

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| Physical appearance | Off white liquid |
| Ionic nature | Nonionic to weakly cationic |
| pH of 1% solution | 5 +/- 1 |
| Miscibility | Miscible with water |
| Compatibility | Compatible with nonionic and cationic products |
| Stability | Stable to dilute acids and dilute alkalies |

Application

Pick-up : 65-70%
Bath pH : 4.5-5.0
Drying : 110-130 deg.C
Curing : 160-170 deg.C, 2-3 min.

SUGGESTED RECIPES:

1. 100% Cotton

Ecoguard-SR 6 : 30-50*g/l
Saralink-ULF : 30 g/l (optional)



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MgCl₂** : 6 g/l
Saralube-2975 : 20 g/l (optional)
IPA : 5 g/l
Ecolink (Conc) : 5-8 g/l
Acetic acid : 1-2 g/l

2. Polyester/Cellulosic blend

Ecoguard-SR 6 : 20-40*g/l
Saralink-ULF : 20 g/l (optional)
MgCl₂** : 4 g/l
Saralube-2975 : 20 g/l (optional)
IPA : 5 g/l
Ecolink (Conc) : 3-4 g/l
Acetic acid : 1-2 g/l

3. 100% Polyester

Ecoguard-SR 6 : 20-40*g/l
Saralube-2975 : 20 g/l (optional)
IPA : 4 g/l
Ecolink (Conc) : 3-4 g/l
Acetic acid : 1-2 g/l

* Concentration of Ecoguard-SR 6 to be taken on the basis of durability requirement.

** If Saralink-ULF is added in the recipe then only MgCl₂ to be added.

Note:

1. It is recommended to prewash the substrate to be treated with 1 g/l Saragen-DAM at 80-85 deg.C for 20-30 min. to remove traces of residual impurities to get excellent results.

2. Ecolink (Conc) is an extender, addition of which improves fastness to washing and resistance to abrasion.

Sequence of addition:

- Prepare bath with all ingredients including Saralink-ULF MgCl₂ and Ecolink (Conc) in water containing Acetic acid.
- Stir continuously and add Ecoguard-SR 6 as the final ingredient.

Precautions:

- Avoid high speed and continuous stirring.
- Avoid silicone based softeners in the finishing recipe.



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Precautions

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| 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. |