



# Sarex Chemicals

(A Divn. Of Saraf Chemicals Pvt. Ltd.)

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## PRODUCT LITERATURE

### CAREGUARD-SV

#### Product Information

Careguard-SV is a new generation highly cost effective water and oil repellent fluorocarbon based on C6 Chemistry. It imparts balanced water and oil repellency on various substrates viz., polyester, cotton, nylon, wool fibres and their blends. Careguard-SV gives very good and durable oil-water repellency on Acrylic substrates. It can be applied by pad foam and spray technique. The performance of Careguard-SV will be closer to that of C8 Chemistry Fluorocarbons. They can be applied on nonwoven substrates also.

#### Key Features & Benefits

Key Features	Benefits
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Non-yellowing	Suitable for white and pastel shades
Durable	- Good water/oil repellency after multiple home laundering - Very good and durable oil-water repellency on Acrylic substrates
Hand feel	Softer handle than the conventional C6 fluorocarbons

#### General Characteristics

Physical appearance	: Off white liquid
Ionic nature	: Nonionic to weakly cationic
pH of 1% solution	: 6 +/- 1
Miscibility	: Miscible with water
Compatibility	: Compatible with cationic, anionic and nonionic products
Stability	: Stable to dilute acids and dilute alkalies

#### Application

##### PADDING PROCESS:

Careguard-SV	: 20-80 g/l
Acetic Acid	: 0.5 g/l
IPA	: 5 g/l



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Pick-up : 65-70%  
Bath pH : 4.0 - 4.5  
Drying : 100 - 120 deg.C  
Curing : 150 deg.C,5 min. OR 160 deg.C,3 min. OR  
170 deg.C, 1 min.

\* Concentration of Careguard-SV to be taken on the basis of durability requirement.

Note:

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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. After padding and drying if fabric is kept overnight before curing, results will be further improved.
3. Compatible with Flame Retardent finish (Pre-trial is recommended).
4. Water-oil repellent finish can be combined with resin finish using 30g/l Saralink-ULF + 6g/l MgCl<sub>2</sub> + 20g/l Saralube-2975.

Sequence of addition:

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- Prepare bath with all ingredients including Saralink-ULF, MgCl<sub>2</sub> in water containing Acetic acid.
- Stir continuously and add Careguard-SV as the final ingredient.

Precautions:

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- Avoid high speed and continuous stirring.
- Avoid silicone based softeners in the finishing recipe.
- Pre trial with Careguard-SV is recommended with coating chemicals.

### 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.



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### CAREGUARD-SV

Shelf Life : 8 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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