



# Sarex Chemicals

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

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## PRODUCT LITERATURE

### CAREGUARD-LTH

#### Product Information

Careguard-LTH is a new generation fluorocarbon based on C6 Chemistry. It can be applied by padding and by foam technique. Careguard-LTH gives very high water repellency on synthetics such as Acrylic, Polyester, etc. It is also compatible with other finishing agents.

#### Key Features & Benefits

##### Key Features

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Durable

No Roller build-up

Non ionic

##### Benefits

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Good water repellency after multiple home laundering

Suitable for high speed finishing operations

Suitable for coating

#### General Characteristics

Physical appearance : Off white liquid

Ionic nature : Nonionic

pH of 1% solution : 5 +/- 1

Miscibility : Miscible with water

Compatibility : Compatible with anionic, cationic and nonionic products

Stability : Stable to dilute acids and dilute alkalies

#### Application

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.

##### SUGGESTED RECIPES:

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For all substrates

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Careguard-LTH : 20-80 g/l



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Acetic Acid : 0.5 g/l  
IPA : 5 g/l

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

\* For extended durability, addition of Crosslink-SC(Conc) is recommended

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-LTH 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-LTH 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-LTH

Shelf Life : 9 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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