



# Sarex Chemicals

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

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## PRODUCT LITERATURE

### CAREGUARD-66 (NEW)

#### Product Information

Careguard-66(NEW) is a new generation water and oil repellent fluorocarbon based on C6 Chemistry. It is a dispersion of fluoropolymers. It imparts good durable water and oil repellency on cellulosic substrates. It also works on various substrates viz., polyester, nylon, wool fibres and their blends. It can be applied by pad foam and spray technique.

#### Key Features & Benefits

##### Key Features

Competitive

Durable

##### Benefits

- Better water and oil repellency than the conventional C6 fluorocarbons
- Best oil repellency

Good water/oil repellency after multiple home laundering

#### General Characteristics

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

#### Application

##### PADDING PROCESS:

Careguard-66 (NEW) : 30-80 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-66 (NEW) to be taken on the basis of durability requirement.

#### 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. 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 and Oil repellent can be combined with Wrinkle free finish. (Pre-trials are recommended)

#### Sequence of addition:

- Prepare bath with all ingredients including Saralink-ULF, MgCl<sub>2</sub> in water containing Acetic acid.
- Stir continuously and add Careguard-66 (NEW) as the final ingredient.

#### Precautions:

- Before using our product, stir the product gently and then passing through a filter is advisable before pre-dilution and application
- Avoid high speed and continuous stirring.
- Avoid silicone based softeners in the finishing recipe.
- Pre trial with Careguard-66(NEW) is recommended with coating chemicals.



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### CAREGUARD-66 (NEW)

#### 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.
- 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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