



Sarex Chemicals

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

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PRODUCT LITERATURE

DESIZE-GC

Product Information

Desize-GC is a high temperature stable, bacterial Alpha-amylase based desizing agent specially recommended for desizing of fabrics sized with starch and water soluble cellulose derivatives. Desize-GC can be applied by exhaust, pad-roll and pad-batch methods.

Key Features & Benefits

Key Features

Stable upto pH 9

Wide range pH stability

Shorter batching time

Benefits

Can be combined with bio-scouring

Performance will not be affected with change in pH (5-9)

Less time for pad-batch, better productivity

General Characteristics

Physical appearance : Light yellow to yellow liquid

Ionic nature : Nonionic

pH of 1% solution : 6 +/- 1

Miscibility : Miscible with water

Compatibility : Compatible with anionic, nonionic and cationic products

Stability : Stable to dilute alkalies and stable to dilute acids

Application

EXHAUST RECIPE APPLICATION:

Desize-GC : 0.4-0.5%

Celldet-R : 0.3-0.5%

Saraquest-W (Conc) : 0.15-0.2%

Temperature : 50-80 deg.C, pH : 6-7

* Load grey fabric

* Add Celldet-R and Saraquest-W (Conc).

* Adjust pH 6-7 and add Desize-GC

* Run for 2-4 ends followed by hot wash (2 ends) and cold wash.



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PAD-ROLL APPLICATION:

Desize-GC : 4-5 g/l
Celldet-R : 3-4 g/l
Saraquest-W (Conc) : 1.5-2 g/l
Sarakol-NF : 1.5-2 g/l
Padding temp. : 80 deg.C, pH 6-7
Pad - roll : 6-8 hrs at 70-80 deg.C
Pad at 70-100% expression

Desize-GC to be added after adjustment of pH and temperature of padding liquor. At the end of batching period, fabric to be given hot wash and cold wash.

PAD-BATCH APPLICATION:

Desize-GC : 4-5 g/l
Celldet-R : 3-4 g/l
Saraquest-W (Conc) : 1.5-2 g/l
Sarakol NF : 1.5-2.0 g/l
Padding temp. : 60-70 deg.C

- * Pad-batch for 8-12 hrs.
- * Pad at 70-100% expression.
- * Desize-GC to be added after adjustment of pH and temperature of padding liquor. At the end of batching period, fabric to be given hot wash and cold wash.

Note:

1. Please note that efficiency of desizing would depend upon type and quantity of size used, temperature, pH, treatment time as well as quality of water.
2. For desizing of yarn dyed shirting, first ensure the fastness of yarn dyed fabric at 60 deg C.
3. For better performance, use nonionic wetting agent.
4. Solution of Desize-GC should be prepared in water of pH 6-7 only.



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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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