



Sarex Chemicals

(A Divn. Of Saraf Chemicals Ltd.)

501 Waterford, C Wing, C.D.Bariwala Marg(Juhu Lane), Andheri(W),Mumbai 400 058. INDIA

Phone: +91 22 42184218

Fax: +91 22 42184350

Email: tcmtkg@sarex.com

URL: www.sarex.com

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	Benefits
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Stable upto pH 9	Can be combined with bio-scouring
Wide range pH stability	Performance will not be affected with change in pH (5-9)
Shorter batching time	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 & stable to dilute acids

Application

EXHAUST RECIPE APPLICATION :

Desize-GC	: 0.4-0.5%
Celldet-R	: 0.2-0.4%
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.	

PAD-ROLL APPLICATION :

Desize-GC	: 4-5 g/l
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Celldet-R : 2-4 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 : 4-8 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 : 2-4 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 :

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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.

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 : 8 months from the date of manufacturing, if stored under controlled conditions.



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[The above information is given in good faith and is without warranty]
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