



# Sarex Chemicals

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

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

Phone +91 22 42184218 Fax +91 22 42184350

Email tcmktg@sarex.com URL www.sarex.com

## PRODUCT LITERATURE

### ELIMINATOR-GLO

#### Product Information

Polyester contain different types of oligomers which do not pick up dye during dyeing. These oligomers gets deposited on the surface of Polyester as white powder after dyeing. Adding Eliminator-GLO these oligomers dissolve during dyeing and do not deposit on polyester gives even dyeing without powder deposits.

Eliminator-GLO is used in Fibre, Yarn, Package, Fabric dyeing process to overcome white powder deposite on Polyester. Use of Eliminator-GLO in dyeing leads to improved washing faster and level dyeing Eliminator-GLO when used in fibre dyeing it improves the performance of combing in spinning. Use of Eliminator-GLO in machine cleaning removes white deposits from machine walls.

#### Key Features & Benefits

##### Key Features

Reduces deposits caused by oligomer and dye precipitations on fabric/machine

Allows for reliable, good rewinding of yarns

##### Benefits

Keeps machine clean and uniform, level dyeing obtained

Improves the combing quality of stock-dyed material

#### General Characteristics

Physical appearnace : Light yellow to yellowish brown liquid

Ionic nature : Anionic

pH of 1 % solution : 8 +/- 1

Miscibility : Miscible with water

Compatibility : Compatible with nonionic and anionic products

Stability : Stable up to 500 ppm CaCO<sub>3</sub>, stable to dilute acids and dilute alkalies

#### Application

##### 1. Use of Eliminator GLO in Dyeing:

|                    |                |                 |
|--------------------|----------------|-----------------|
|                    | Disperse-Dye   | : As per recipe |
| (Dispersing Agent) | Saragen-SO     | : 0.5%          |
| (Levelling Agent)  | Dyewell-002    | : 0.5 - 0.75%   |
|                    | Eliminator-GLO | : 1 - 3%        |

Carry out polyester dyeing at 130 - 135 degree for 40 - 45 mins. Cool and drain out and carry out further process.



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| % Shade depth<br>----- | Recommended dosage (g/l)<br>----- |
|------------------------|-----------------------------------|
|------------------------|-----------------------------------|

|                 |     |
|-----------------|-----|
| Upto 1          | 1   |
| 2-3             | 2.5 |
| 3-5             | 3   |
| Very dark shade | 4   |

#### 2. Machine Cleaning:

i) Recipe:- Eliminator-GLO - 1 - 1.5 g/l  
Caustic solid - 1 - 2 g/l  
Sodium Hydro Sulphite - 2 g/l

Fill machine with water & above chemicals at raise temperature to 130 degree & run for 20 to 30 mins. Coot it to 80 degree and drain. This purpose nill remove oligomer deposite and any disperse dye from the machine.

ii) Recipe:- Eliminator-GLO - 1 - 1.5 g/l  
Saragen-so - 0.5 g/l

Fill machine with water & above chemicals. Raise temperature to 130 degree and run for 20-30 mins. Drain the batch at high temperature between 110 degree to 120 degree which will remove all oligomer deposits (white powder) stuck on the walls of machine.

iii) Recipe:- Eliminator-GLO - 2 g/l  
Fabstrip-NS - 0.5 g/l

Fill machine with water, adjust pH 4-4.5 & add above chemicals.  
Machine cleaning after reactive dyeing run at 98°C for 30 mins then cold wash  
Machine cleaning after Disperse dyeing run at 110°C for 30 mins then cold wash

#### Instructions For Dilution

Mix 1 part Eliminator-GLO liquid with 5 parts warm water (60 deg.C - 70 deg.C) properly and before addition of dye.

#### 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 : 12 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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