



Sarex Chemicals

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

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PRODUCT LITERATURE

ELIMINATOR-GLO

Product Information

Eliminator-GLO is specially developed to overcome oligomers deposits in the dyeing of polyester fibre tops, yarn in package form and fabric. Eliminator-GLO disperses the oligomers in the dye-bath. It also removes oligomer deposits from dyeing machines during machine cleaning. Eliminator-GLO can be used with caustic for machine cleaning during polyester dyeing. Use of Eliminator-GLO in dyebath leads to improved washing fastness. Use of Eliminator-GLO enables uniform and solid dyeing and it improves the combing quality of stock dyed material.

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 appearance : Light yellow to yellowish brown liquid

Ionic nature : Anionic

pH of 1 % solution : 7 +/- 1

Miscibility : Miscible with water

Compatibility : Compatible with nonionic and anionic products

Stability : Stable up to 500 ppm CaCO₃, stable to dilute acids and dilute alkalies

Application

1-3 g/l Eliminator-GLO is normally sufficient to keep oligomers in dispersion form and prevents re-deposition of oligomers (trimers) on dyed fabric.

% Shade depth	Recommended dosage
-----	(g/L)
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Upto 1	1
2-3	2.5
3-5	3
Very dark shade	4

Polyester fibres can contain different amounts of oligomers - mainly trimers - depending on origin. During hot treatment these trimers migrate out of the fibre to the surface and the dye bath. When flock, packages or beams are dyed on circulatory apparatus, oligomer depositing on the inside is more intense. Due to flock, spinning is impaired and in the case of yarn, further processing such as winding, knitting and weaving is impaired, such types of problem are solved by the use of Eliminator-GLO. Eliminator-GLO is added to the dye bath in diluted form at the start, before the addition of the dye.

For machine cleaning of oligomer deposits treatment in an aqueous bath to be carried out with :

1-2% Metanol-DL

1-1.5% Eliminator-GLO for 20-30 mnis at 120-130 deg.C

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	: 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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