PRODUCT LITERATURE

HELOPREP-GC

Product Information

Heloprep-GC is a novel biodegradable all-in-one product which is suitable for bleaching of cellulosic substrates and its blends. Heloprep-GC possess sequestering and peroxide stabilization properties, hence addition of sequestering agent and peroxide stabilizer is not required in treatment bath. Bleaching with Heloprep-GC exhibits very good softness, absorbency, rewetting and whiteness of bleached fabric than conventional bleached fabric. Yarn bleached with Heloprep-GC decreases the coefficient of friction, improves strength and reduces harshness to a certain extent. Suitable for Autodosing / dispensing.

Key Features & Benefits

<table>
<thead>
<tr>
<th>Key Features</th>
<th>Benefits</th>
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<tbody>
<tr>
<td>Low alkali during bleaching</td>
<td>No separate rinsing after bleaching.</td>
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<td>In built sequestering</td>
<td>No need to add sequestering agent or peroxide stabilizer</td>
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<td>Eco-friendly</td>
<td>Low BOD/COD and TDS in effluent bath</td>
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General Characteristics

- Physical appearance: Light Blue liquid
- Ionic nature: Nonionic to weakly anionic
- pH of 1% solution: 6.5 +/-1
- Miscibility: Miscible with water
- Compatibility: Compatible with anionic and nonionic products
- Stability: Stable to dilute acids and dilute alkalies

Application

1. Recipe for RFD (Ready for dyeing)
   - Heloprep-GC: 0.8-1.0%
   - Saracrease-HG(Conc): 0.1%
   - Caustic flakes: 1.25-1.5%
   - Hydrogen Peroxide(50% v/v): 2.0-2.5%
HELOPREP-GC

Temperature : 95-98 deg.C for 30-45min.

2. Recipe for full white
   Heloprep-GC : 1.2-1.5%
   Saracrase-HG (Conc) : 0.1%
   Caustic flakes : 2-2.5%
   Hydrogen Peroxide : 6.0-8.0%
   Temperature : 95-98 deg.C for 60-75min.

   Optical brightener to be dosed in hot wash OR in the same bleached bath after 50-60 min.

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.