Orco Solvent CH™

Orco Solvent CH™ is a bleaching assistant specific to black hair bleaching procedures for wool and promotes penetration and conditioning of black hair in wool.

Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear, pourable liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Solvent odor</td>
</tr>
<tr>
<td>pH</td>
<td>2.5-3.5 for a 10% solution</td>
</tr>
<tr>
<td>Storage</td>
<td>Keep from freezing or extreme heat</td>
</tr>
</tbody>
</table>

Applications

Used in black hair bleaching procedures for wool.

Procedures

**Black Hair Bleaching Procedure on a Beam**

Set bath at 85°F(30°C) and add:

- 2.5 % Formic Acid on weight of fabric(owf)
- 8.0 % owf Orco Solvent CH™
- 4.0 % owf Oroxalate Powder
- 3.0 % owf Ferrous Sulfate

Raise kettle to 185°F(85°C) over 30 minutes, run for one hour, and warm wash for 30 minutes--do not go below 80°F(27°C). Add:

- 1.25% owf Orco Salt O Solution
- 10.0 % owf Tetra Sodium Phosphate(TSPP)
- 2.0 % owf Orco Ferrosol Powder

Run for 10 minutes and add 30% owf Hydrogen Peroxide. Run for 5 minutes and add 3-4% owf Ammonia.

Raise temperature to 130°F(55°C) and run for one hour, warm wash for 10 minutes then cold wash for 30 minutes. Add 1% owf Acetic Acid and run cold for 10 minutes. Remove goods.