ORCO FLAME RETARDANT CQ™

**Orco Flame Retardant CQ™** is a durable flame retardant for use on 100% polyester and 100% nylon substrates

**Physical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear slightly hazy liquid</td>
</tr>
<tr>
<td>Solubility</td>
<td>Disperses in water</td>
</tr>
<tr>
<td>pH</td>
<td>Range 6.0 – 8.0</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>Average 1.20</td>
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</tbody>
</table>

**Advantages:**
- Good fastness to laundering.
- Disperses well in water.
- Has minimal effect on shade or discoloration of greige goods.
- When used as recommended, has consistent and excellent flame retardancy

**Applications:** **Orco Flame Retardant CQ™** is recommended for pad (continuous) applications.

- Amounts used are dependent on the fabric weight and percent pick up.
- Typical amount of **Orco Flame Retardant CQ™** used – 5 – 20% O.W.B.
- Recommended starting amount is 10% O.W.B.
- Pad, dry, and cure at 360 -400°F for 30 – 60 seconds for best fixation.
- Heat setting can be as high as 440°F.

If a stiff hand occurs, a post fixation wash with cold to warm water will help restore the original hand.

This formulation is a starting formulation.

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