Orco Repel FC-356™ is a cationic non-C-8 based Fluoropolymer emulsion considered to be non-PFOA contributing and is designed to provide water, oil, and soil repellency on most fabrics containing polyester, nylon and blends thereof with cellulosics.

**Physical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Off white/pale yellow emulsion</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>pH</td>
<td>2.5-5.5</td>
</tr>
<tr>
<td>Ionic charge</td>
<td>Cationic</td>
</tr>
</tbody>
</table>

**CHARACTERISTICS**

- Non C-8 Fluoroalkyl compound
- High water repellency on most synthetics and cellulosic blends
- Fastness to multiple washing cycles
- Non-flammable

**APPLICATION**

**As water repellent**
- For 100% cotton use 2.0% on weight of bath (owb)
- For 100% Nylon use 2.0% owb
- For 50/50 Polyester/Cotton blends use 2.5% owb

**As Oil Repellent**
- For 100% cotton use 3.5% owb
- For 100% Nylon use 3.2% owb
- For 50/50 Polyester/Cotton blends use 3.0% owb

Suggested weight pick-up is 60-65% with minimum cure temperatures in all cases of 325°F for 4 minutes.