**Water-in-Oil Skin Cream: Water-in-Silicone Emulsion**

Formulation 00220

### ATTRIBUTES
- Moisturization
- Water-in-Silicone Emulsion

### DOW CORNING® PRODUCTS
- DOW CORNING® 5200 FORMULATION AID
- DOW CORNING® 580 WAX
- DOW CORNING® DIMETHICONOL BLEND 20

### XIAMETER® PRODUCTS
- XIAMETER® PMX-0245 CYCLOPENTASILOXANE

### Ingredients and Trade Names/Suppliers

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Wt. %</th>
<th>Trade Name/Supplier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phase A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Dimethicone (and) Dimethiconol</td>
<td>5</td>
<td>DOW CORNING® DIMETHICONOL BLEND 20</td>
</tr>
<tr>
<td>2. Stearoxytrimethylsilane (and) Stearyl Alcohol</td>
<td>2</td>
<td>DOW CORNING® 580 WAX</td>
</tr>
<tr>
<td>3. Cyclopentasiloxane</td>
<td>10</td>
<td>XIAMETER® PMX-0245 CYCLOPENTASILOXANE</td>
</tr>
<tr>
<td>4. Mineral Oil</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>5. Lauryl PEG/PPG-18/18 Methicone</td>
<td>2</td>
<td>DOW CORNING® 5200 FORMULATION AID</td>
</tr>
<tr>
<td>Phase B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Sodium Chloride</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>7. Glycerin</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>8. Deionized Water</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>9. Preservative (choice)</td>
<td>q.s.</td>
<td></td>
</tr>
</tbody>
</table>

### Procedure
1. Heat phase A ingredients to 60°C while gently mixing.
2. Heat phase B ingredients to 60°C while gently mixing.
3. Add phase B to phase A with high agitation while maintaining temperature at 50°C.
4. Continue mixing for an additional 5 minutes.
5. Homogenize using a high shear mixer.

### Variations
Alternative Dow Corning® Products have not been tested as of this printing.

### Stability
Stability data for this formulation has not been established.

### External Reference Material
No external references identified as of this printing.

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