Moisturizing Hand Sanitizer
ACTS21437

Description: The Moisturizing Hand Sanitizer formulation offers a unique material that combines two important steps into one, sanitizing and skin moisturizing including barrier restoration and integrity.

Ingredients: Ethanol, Water, Zemea® propanediol, Glycerin, Carbopol Ultrez 20

<table>
<thead>
<tr>
<th>Phase</th>
<th>Volume</th>
<th>Ingredient</th>
<th>INCI</th>
<th>Supplier</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>70%</td>
<td>Ethanol, 95%</td>
<td>Alcohol</td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>10%</td>
<td>Water</td>
<td>Water</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>15%</td>
<td>Zemea® propanediol</td>
<td>Propanediol</td>
<td>DuPont Tate &amp; Lyle</td>
</tr>
<tr>
<td>B</td>
<td>3%</td>
<td>Glycerin</td>
<td>Glycerin</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>2%</td>
<td>Carbopol Ultrez 20</td>
<td>Acrylates/C10-30 Alkyl Acrylate Cross polymer</td>
<td>Lubrizol</td>
</tr>
</tbody>
</table>

Procedure
1. Premix Phase A.
2. Premix Phase B together, then add to Phase A with fast propeller stirring until a thick uniform gel is achieved.

Benefits:
- Great looking and feeling gel
- Crystal clear
- Spreads evenly
- Dries quickly
- Not sticky or greasy
- Great performance
- Humectant Moisturization
- Aids in restoring and maintaining barrier integrity

Reasons for 15% Zemea® content:
- Moisturization
- Barrier restoration

For additional information or samples:
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