The Minimalist Collection: Wash

1299

Seven ingredients* or less, no drama. The Minimalist Collection accomplishes your grooming and personal care needs with two simple, thoughtfully designed products, minimally fragranced using only essential oil. Wash contains five ingredients to gently cleanse your hair, feet, and everything in between. With its creamy lather, it can also be used as a shaving aid for body and face.

### Formulation

<table>
<thead>
<tr>
<th>INGREDIENTS:</th>
<th>% by Weight</th>
<th>Functionality</th>
</tr>
</thead>
<tbody>
<tr>
<td>*** Phase 1 ***</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deionized Water</td>
<td>q.s. to 100.00</td>
<td>Diluent</td>
</tr>
<tr>
<td>BIO-TERGE® AS-40 HA</td>
<td>35.00</td>
<td>Primary Surfactant</td>
</tr>
<tr>
<td>LATHANOL® LAL Powder</td>
<td>5.00</td>
<td>Secondary Surfactant</td>
</tr>
<tr>
<td>*** Phase 2 ***</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium Benzoate</td>
<td>0.50</td>
<td>Preservative</td>
</tr>
<tr>
<td>*** Phase 3 ***</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STEPAN-MILD® L3</td>
<td>0.50</td>
<td>Emollient</td>
</tr>
<tr>
<td>NINOL® CAA</td>
<td>2.00</td>
<td>Secondary Surfactant, Solubilizer</td>
</tr>
<tr>
<td>Orange Oil (Orchidia Fragrances) Citrus Aurantium Dulcis (Orange) Peel Oil</td>
<td>0.10</td>
<td>Fragrance</td>
</tr>
<tr>
<td>*** Phase 4 ***</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Citric Acid, 50% Solution</td>
<td>q.s.</td>
<td>pH Adjuster</td>
</tr>
</tbody>
</table>

Total 100.00

Procedure
1. Add Deionized Water to a suitable vessel equipped with heating and agitation capabilities.
3. Start heating to 45°C (113°F). Mix until clear.
4. Add Sodium Benzoate. Mix until clear.
5. In a separate vessel pre-mix NINOL® CAA, STEPAN-MILD® L3 and Orange Oil.
6. Add this premix with mixing until clear.
7. Cool to room temperature.
8. Check pH and add Citric Acid, 50% Solution to adjust pH.
9. Check viscosity.

Physical Properties
- Appearance at 25°C: Clear yellowish liquid
- Viscosity at 25°C, cps: 15,000-20,000
- pH at 25°C, as is: 5.5-6.5

Storage/Stability
- 4 weeks at 5°C: Stable
- 4 weeks at 25°C: Stable
- 4 weeks at 45°C: Stable
- Freeze/Thaw 3 cycles: Passed
Instructions for Use

Apply to hair and body. Lather, then rinse thoroughly. Repeat if desired. Use daily.

Wash contains five ingredients to gently cleanse your hair, feet, and everything in between. With its creamy lather, it can also be used as a shaving aid for body and face.

*Ingredients are counted by INCI name; count does not include water, processing aids (such as citric acid, sodium chloride, or sodium hydroxide) or preservatives.

External Comment

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BIO-TERGE®
LATHANOL®
STEPAN-MILD®
NINOL®

For applications or product handling assistance, call our Technical Service Department at 1-800-745-7837 (U.S.) or 011-334-76-505-100 (Europe).
For ordering assistance, call our Account Service Department at 1-800-457-7673.

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Stepan Company

Northfield, Illinois 60093

Telephone (847) 446-7500

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