**PREMIUM MILD DOG SHAMPOO**

No. 485

This mild gel can be used to shampoo dogs and is formulated without amide.

**Formulation**

**INGREDIENTS:**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deionized Water</td>
<td>q.s. 100.0</td>
</tr>
<tr>
<td>STEOL® CS-130 (or STEOL® CS-130 HP)</td>
<td>30.0</td>
</tr>
<tr>
<td>AMPHOSOL® CA</td>
<td>20.0</td>
</tr>
<tr>
<td>Tween 20 (Uniqema) Polysorbate 20</td>
<td>5.0</td>
</tr>
<tr>
<td>HALLSTAR® PEG 6000 DS (Hallstar) PEG-150 Distearate</td>
<td>2.0</td>
</tr>
<tr>
<td>Citric Acid</td>
<td>q.s.</td>
</tr>
<tr>
<td>Fragrance, Dye, &amp; Preservative</td>
<td>q.s.</td>
</tr>
</tbody>
</table>

**Total** 100.0

**Procedure**

1. To Deionized Water, add STEOL® CS-130 (or STEOL® CS-130 HP) and PEG-150 Distearate.
2. Heat to 60ºC and mix until PEG-150 Distearate is completely dispersed.
3. Add Tween 20 and AMPHOSOL® CA and blend well.
4. Cool to 30ºC.
5. Adjust pH to 6.5–7.3 with Citric Acid.
6. Add Fragrance, Dye, and Preservative, if desired.

*Note: When formulating with STEOL® CS-130 HP, a greater amount of Citric Acid may be needed to adjust the pH within the recommended range as noted, than when formulating with STEOL® CS-130.*

**Physical Properties**

- Appearance, as is: Light yellow liquid
- pH, as is: 6.5–7.3
- Viscosity at 25ºC, cps: 100,000
- Storage/Stability: 2 weeks at 50ºC, Freeze/thaw, 3 cycles, Stable, Pass

**Instructions for Use**

Apply to wet coat, lather and rinse.

**External Comment**

Marketing Notes: This formulation does not contain amides. AMPHOSOL® HCA-HP may be a potential substitute for AMPHOSOL® CA. It should be noted that stability testing using this AMPHOSOL® HCA-HP has not been completed on this formulation, and in addition to the pH adjustment taking a greater amount of Citric Acid, the substitution may also yield slightly different physical properties.

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- STEOL®
- AMPHOSOL®

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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