

Name PREMIUM MILD DOG SHAMPOO

485 No.

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

Formulation **INGREDIENTS:** % by Weight

> **Deionized Water** a.s. 100.0 STEOL® CS-130 (or STEOL® CS-130 HP) 30.0 AMPHOSOL® CA 20.0 Tween 20 (Uniqema) Polysorbate 20 5.0 HALLSTAR® PEG 6000 DS (Hallstar) PEG-150 Distearate 2.0 Citric Acid q.s. Fragrance, Dye, & Preservative q.s.

> Total 100.0

Procedure

- 1. To Deionized Water, add STEOL® CS-130 (or STEOL® CS-130 HP) and PEG-150 Distearate.
- 2. Heat to 60°C and mix until PEG-150 Distearate is completely dispersed.
- 3. Add Tween 20 and AMPHOSOL® CA and blend well.
- 4. Cool to 30°C.
- 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

pH, as is

Viscosity at 25°C, cps

6.5 - 7.3100,000

Storage/

2 weeks at 50°C

Stable

Light yellow liquid

Stability

Freeze/thaw, 3 cycles

**Pass** 

Instructions

Apply to wet coat, lather and rinse.

for Use

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®** 

Company For

Additional

Assistance

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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