CAR WASH CONCENTRATE WITH COCAMIDE DEA ALTERNATIVE

No. 1109

Description This consumer-type formula is designed for easy dilution while generating a large amount of stable foam.

Formulation

INGREDIENTS: % by Weight Functionality

- Deionized Water q.s. to 100.00 Carrier
- Sodium Chloride 0.25 Thickener
- BIO-SOFT® D-40 20.00 Primary Surfactant
- AMMONYX® LMDO 10.00 Secondary Surfactant
- Dye q.s. Additive
- Fragrance q.s. Additive
- Preservative q.s. Additive

Total 100.00

Procedure

1. Charge tank with water.
2. Add ingredients in order shown above and mix until homogenous.

Physical Properties

- Appearance at 25°C Clear liquid
- Viscosity at 25°C, cps 830
- pH, as is concentrate 9.0
- Solids, % 11.25
- VOC (calculated) as is, % 0

Storage/Stability

- 4 weeks at 50°C Stable
- 4 weeks at 25°C Stable
- 4 weeks at 4°C Stable
- Freeze/Thaw, 3 cycles Stable

Instructions for Use

Dilute 1 ounce to 1 gallon of water (1:128). Mix and apply using a sponge. Rinse and dry the car surface.

Foaming performance is unsurpassed to commercially available products in both Ross-Miles and Shake Foam Tests.

External Comment

Marketing Notes: When used as per Stepan's recommendations, this formulation is VOC-compliant with U.S. Federal and California Air Resource Board (CARB) Consumer Products regulation for non-aerosol, motor vehicle wash (0.2% VOC limit as of December 31, 2012). BIO-SOFT® D-40 and AMMONYX® LMDO are approved ingredients on www.cleangredients.org. This formulation does not contain Nonylphenol Ethoxylates (NPEs). AMMONYX® LMDO is an alternate surfactant for those customers that do not want Cocamide DEA in their formulation.

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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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