

Name 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 20.00 Secondary Surfactant

Dyeq.s. AdditiveFragranceq.s. AdditivePreservativeq.s. Additive

Total 100.00

Procedure 1. Charge tank with water.

2. Add ingredients in order shown above and mix until homogenous.

Physical Appearance at 25°C Clear liquid

Properties Viscosity at 25°C, cps 830 pH, as is concentrate 9.0 Solids, % 11.25

VOC (calculated) as is, %

Storage/
Stability

4 weeks at 50°C

4 weeks at 25°C

4 weeks at 4°C

Stable

5 table

Stable

Freeze/Thaw, 3 cycles Stable

Instructions Dilute 1 ounce to 1 gallon of water (1:128). Mix and apply using a sponge. Rinse and dry the car for Use 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 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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Stepan Company Northfield, Illinois 60093 Telephone (847) 446-7500 Revision Date: Public

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