



Formulation

Name **FACIAL CLEANSING SOAP WITH NINOL® CAA AND SALICYLIC ACID**

No. 1394

Description Transparent facial liquid soap with 1% salicylic acid that provides excellent foaming.

Formulation INGREDIENTS: % by Weight Functionality

=== Phase 1 ===

Deionized Water	76.95	Carrier
Disodium EDTA	0.05	Chelating Agent
BIO-TERGE® AS-40 HP	15.00	Primary Surfactant
AMPHOSOL® LB-HP	5.00	Secondary Surfactant

=== Phase 2 ===

NINOL® CAA	2.00	Solubilizer, Viscosity Builder
Salicylic Acid	1.00	Active
Fragrance	q.s.	Fragrance

=== Phase 3 ===

Sodium Hydroxide, 50% Solution	q.s.	pH Adjuster
Preservative	q.s.	Preservative

Total 100.00

Procedure

1. In a suitable vessel, add Deionized Water, Disodium EDTA, BIO-TERGE® AS-40 HP and AMPHOSOL® LB-HP. Mix until homogeneous.
2. In a separate vessel, prepare phase 2 by mixing together NINOL® CAA, Salicylic Acid and Fragrance. Mix until homogeneous.
3. Add phase 2 mixture into the main vessel with phase 1. Mix until clear and homogeneous.
3. Adjust pH to 4.0 to 4.5 with Sodium Hydroxide, 50% Solution, with mixing.
4. Add Preservative. Mix until homogeneous.

Physical Properties	Appearance at 25°C	Clear liquid
	pH, as is	4.0 - 4.5
	Viscosity at 25°C, cps	1,500 - 2,500

Storage/Stability	3 months at 25°C	Stable
	3 months at 45°C	Stable
	3 month at 5°C	Stable
	Freeze/thaw, 3 cycles	Pass

Instructions for Use Wet face with water, lather and rinse thoroughly with water.

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BIO-TERGE®
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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 +33 476 505 100 (Europe).

For ordering assistance, call our Account Service Department at 1-800-457-7673.

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Revision Date: 08/16/2023 Publication Date: 08/16/2023 © 2023, Stepan Company. All rights reserved.