



## Formulation

Name	GENTLE CLEANSING HAIR OIL		
No.	1463		
Description	This foaming cleansing hair oil combines sulfate-free cleansers, BIO-SOFT® N-411 and STEPANQUAT® Soleil as a natural condltioning agent. It works with the water in your shower, transforming into a light, creamy foam that gently cleanses and nourishes the hair and scalp.		
Formulation	INGREDIENTS:	% by Weight	Functionality
	Sunflower Oil	49.20	Carrier, Emollient
	Grapeseed Oil	20.00	Moisturizing Agent
	Baobab Oil	0.25	Emollient
	STEPAN-MILD® GCC	3.00	Emollient, Feel Enhancer
	STEPAN-MILD® L3	2.00	Moisturizing Agent, Emollient
	STEPANQUAT® Soleil	2.00	Conditioning Agent
	BIO-SOFT® N-411	20.00	Foaming & Mild Cleansing Agent
	NINOL® CAA	3.00	Solubilizer, Foam Stabilizer
	Vitamin E (dl-Alpha-Tocopheryl-Acetate)	0.05	Antioxidant
	Fragrance	0.50	Fragrance
	Total	100.00	
Procedure	1. In the appropriate sized container, charge each ingredient with overhead mixing and heat the mixture to 35°C (95°F) until a clear homogenous mixture is obtained. 2. Add fragrance with mixing, allow the batch to cool to room temperature.		
Physical Properties	Appearance at 25°C	Clear, yellowish liquid	
	Viscosity at 25°C, cps	Water thin	
Storage/ Stability	3 Months at 25°C	Stable	
	3 Months at 40°C	Stable	
	3 Months at 5°C	Stable	
	Freeze/Thaw, 3 cycles	Pass	
Instructions for Use	Dampen hair. Apply oil to hair and scalp with fingers while distributing the oil through hair. Gently massage to create foam, rinse hair and scalp thoroughly with water. Repeat as necessary.		
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Revision Date: 06/14/2022    Publication Date: 06/14/2022    © 2022, Stepan Company. All rights reserved.