

## Deep Cleansing Scalp Therapy Shampoo

14797-70.A\_1

### Description

When hair requires deep cleansing due to oiliness or scalp conditions such as dandruff, an effective yet mild shampoo is the answer. This formulation provides deep cleansing with a low total surfactant level, to efficiently and effectively clean without causing irritation that could exacerbate scalp problems. FLEXAN® II polymer helps to create this simple, yet effective formulation and is paired with Elfan® AT 84G a mild, sulfate-free surfactant. Elfacos® GT 282S polyalkylene glycol derivative provides effective thickening of surfactant systems and features exceptional electrolyte tolerance for robust performance and stability. With no oils to weigh down the hair or additives that contribute to build-up, this formulation leaves hair clean and refreshed and provides the basis to maintaining a healthy scalp.

### Formula

Trade Name	INCI Name	%w/w	Supplier
<b>Phase A</b>			
Elfacos® GT 282S rheology modifier (15% sol.)	Ceteareth-60 Myristyl Glycol (and) Water	13.300	Nouryon
Deionized Water	Aqua (Water)	56.198	Local
Amphitol 20AB	Lauramidopropyl Betaine	24.000	Kao Corporation
Elfan® AT 84 G surfactant (80% active)	Sodium Cocoyl Isethionate	3.500	Nouryon
FLEXAN® II polymer	Sodium Polystyrene Sulfonate	1.000	Nouryon
Procetyl AWS	PPG-5-Ceteth-20	1.000	Croda
Cremophor® RH 40	PEG-40 Hydrogenated Castor Oil	0.500	Croda
<b>Phase B</b>			
Euxyl® PE 9010	Phenoxyethanol (and) Ethylhexylglycerin	0.500	Ashland
Lowalan Yellow 1	Acid Yellow 1 (CI 10316)	0.002	Jos.H.Lowenstein Sons,Inc
<b>Total:</b>		<b>100.000</b>	

### Procedure

### Properties

Appearance	Light blue clear liquid	
Viscosity	500 - 700 centipoise	Equipment: Brookfield RV , Speed: 10 rpm, Spindle: 6
pH	5.5 - 6.5	

### Packaging

**Created:**2023-06-27 08:06:35 GMT **Modified:**2025-07-18 08:07:45 GMT

**Europe:**Stenungsund, Sweden, T: +46 303 85000, F: +46 303 771973, e: personalcare.europe@nouryon.com

**Americas:**Chicago, Illinois, US, T: +1 800 906-9977, F: +1 908-707-3664, e: personalcare.usa@nouryon.com

**South America:**Itupeva, SP, Brazil, T: +55-11-4591-8870, F: +55-11-4591-8804, e: personalcare.southamerica@nouryon.com

**Asia/Pacific:**Shanghai, P.R., China, T: +86-21-2220-5000, F: +86-21-2220-5558, e: personalcare.china@nouryon.com

**Deep Cleansing Scalp Therapy Shampoo****14797-70.A\_1**

All information concerning our products and/or all suggestions for handling and use contained herein (including formulation and toxicity information) are offered in good faith and are believed to be reliable. However Nouryon makes no warranty express or implied (i) as to the accuracy or sufficiency of such information and/or suggestions, (ii) as to any product's merchantability or fitness for a particular use or (iii) that any suggested use (including use in any formulation) will not infringe any patent. Nothing contained herein shall be construed as granting or extending any license under any patent. The user must determine for itself by preliminary tests or otherwise the suitability of any product and of any information contained herein (including but not limited to formulation and toxicity information) for the user's purpose. The safety of any formulations described herein has not been established. The suitability and safety of a formulation should be confirmed in all respects by the user prior to use. The information contained herein supersedes all previously issued bulletins on the subject matter covered.

**Created:**2023-06-27 08:06:35 GMT **Modified:**2025-07-18 08:07:45 GMT

**Europe:**Stenungsund, Sweden, T: +46 303 85000, F: +46 303 771973, e: personalcare.europe@nouryon.com

**Americas:**Chicago, Illinois, US, T: +1 800 906-9977, F: +1 908-707-3664, e: personalcare.usa@nouryon.com

**South America:**Itupeva, SP, Brazil, T: +55-11-4591-8870, F: +55-11-4591-8804, e: personalcare.southamerica@nouryon.com

**Asia/Pacific:**Shanghai, P.R., China, T: +86-21-2220-5000, F: +86-21-2220-5558, e: personalcare.china@nouryon.com