

***SEA*-phorolipid**

Scalp Care Shampoo

Where the blue economy meets precision fermentation

OCEANTHIX™

SEA-phorolipid

Scalp Care Shampoo

THE CHALLENGE: Engineering a **biodegradable, high-performance, sulfate-free shampoo** with high naturality that goes beyond **gentle cleansing** and hair manageability to provide **advanced scalp care** benefits.

THE SOLUTION: OCEANTHIX™ LV (INCI: Algin) provides a novel building block to create 100% natural-origin, **biodegradable rheology** control. It synergizes with Xanthan Gum to create an elegant, sophisticated rheology, devoid of the stringy or gummy textures common in natural systems. OCEANBOOST™ LF (INCI: Fucoidan) is a potent **TRPV1** modulator, providing **instant soothing** benefits while **improving** overall **scalp health**.

THE PERFORMANCE: Boosted by HoliSurf® HF, an acidic sophorolipid that stabilizes foam while promoting good scalp hydration, this shampoo leaves **hair soft, bouncy, and manageable**. It offers a unique **quick-dry effect**, helping to **minimize heat-related damage** from blow-drying.

ORIGIN™ OCEAN

high-performance, sulfate-free shampoo that goes beyond gentle cleansing to provide **advanced scalp care** benefits.

Stability	Compatibility	Description
5°C/RT°/45°C: Underway	PP Lab Specimen Container	Translucent milky blue gel
Freeze-Thaw: Underway	Packtory <u>PTKR-PK90</u> Mono- Material Metal-Free PP Pump 100% PIR PET Bottle	1000 - 1500 cPs <i>Rotational Viscometer</i> Spindle 3 20 RPM
pH range: 5.0 - 5.4		

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Scalp Care Shampoo C080126HMD-7

- Load phase **A** into the main vessel. Mix until homogeneous.
 - Premix **B** into a slurry. Adjust mixing speed to create a vortex, add **B**. Mix for 15 - 20 minutes at 500 - 1000 RPM until a homogenous gel is formed.
 - Sprinkle **C** into the vortex, mix until homogeneous.
 - Add **D**. Mix until homogeneous,
 - Switch to paddle mixer & low speed, then add **E**.
 - Add **F**, continue mixing until homogenous..
 - In a side vessel, premix **G**. Heat to 40 - 50°C and mix until homogeneous, then add to ABCDEF.
- Check pH;** use 20% Citric Acid solution to adjust pH to 5.2 - 5.4, then QSP to 100%
- Add **H**, continue mixing until homogenous.

				%
A	DI Water			QS
A	Evicare® complex 3		Evident Ingredients	0.10 %
A	Natpure Xco Sapphire GB606		Sensient Beauty	0.003 %
B	Evicide® Propanediol		Evident Ingredients	2.00 %
B	OCEANTHIX™ LV		Origin by Ocean	0.50 %
B	Evicare® aquatex 80		Evident Ingredients	0.50 %
B	OCEANBOOST™ LF		Origin by Ocean	0.10 %
C	Genecare® OSMS BA		IFF	2.00 %
D	Evicide® Levulinate S Eco		Evident Ingredients	1.50 %
E	HoliSurf HF (Glycolipids)		Holiform	3.00 %
E	BergaSoft CG 50 MB (Coco Glucoside)		Berg + Schmidt	6.00%
F	Oramix™ L 30 (Sodium Lauroyl Sarcosinate)		SEPPIC	12.00 %
G	Dehyton® AB 30 (Coco Betaine)		BASF	5.00 %
G	Evicare® silk		Evident Ingredients	0.70 %
G	GREENQUAT® BT		SOCRI	0.50 %
H	51-9323-0 True Regain		Escentina	0.15 %

We recognize the ***impact that application, product development and sampling can have on our environment*** & are thankful for the hard work & support of our raw material and packaging partners are doing to **make the industry more circular, recyclable & sustainable.**

Berg + Schmidt

Natural surfactants

Contact: [Kristin Köhler](#)

CELEGO

SEPPIC's Nordic distributor

Contact: [Pia Wikström](#)

Escentina

*100% Natural Origin &
Upcycled Fragrances*

Contact: [Richard Illi](#)

Evident Ingredients

*Clean label preservatives
& specialities*

Contact: [Helge Postel](#)

Holiferm

*High-performance
biosurfactants, made in the
UK from EU-grown feedstock*

Contact: [Rafael Bernad](#)

**Sensient Beauty via
Saffic-Alcan Nordics**

Innovative color solutions

Contact: [Carla Barthel](#)

SOCRI

*Innovative natural &
sustainable actives and
functional ingredients*

Contact: [Manuela DiPaola](#)

**Our sample packaging
courtesy of Packtory**

*Mono-Material Recyclable
Pumps & 100% PIR bottles*

Contact: [Claude Desmarais](#)