



**CODIF**

Technologie naturelle

# EARTH MARINE WATER

Re-mineralise, detoxify and strengthen your skin.





**SEL**

*Noirmoutier*

Earth Marine Water is a unique type of water, exceptionally rich in minerals, drawn from a preserved natural environment.

A high mineral content water.

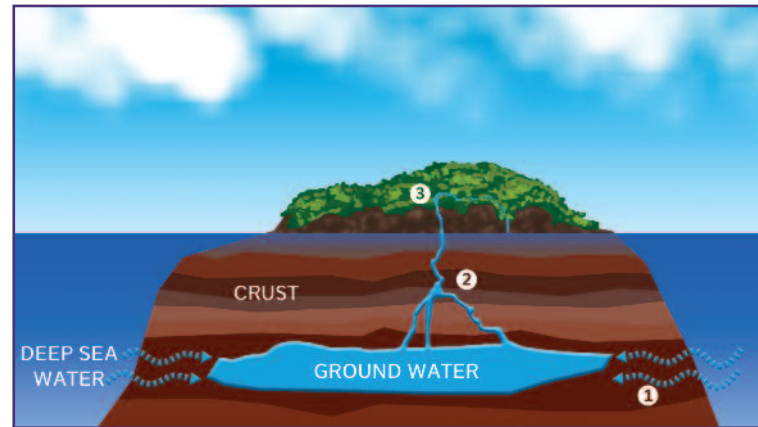
Re-mineralised, detoxified and strengthened skin.

A radiant and refreshed complexion.

Pores are refined after applying a mask for 15 minutes.

## The origin of Earth Marine Water

- (1) Sea water penetrates the Earth's crust
- (2) It seeps through several geological layers
- (3) Sourced on the island of Noirmoutier



## Analytical comparison of Earth Marine Water and sea water

	Earth Marine Water	Sea Water
Na (mg/Kg)	10407	10800
Mg (mg/Kg)	1270	1290
Ca (mg/Kg)	390	411
Fe (µg/Kg)	1590	3,4
Li (µg/Kg)	329	170
Mn (µg/Kg)	772	0,4
Zn (µg/Kg)	333	5
Br (mg/Kg)	53,8	67,3
K (mg/Kg)	372	392
S (mg/Kg)	803	904

# WHAT MAKES IT UNIQUE

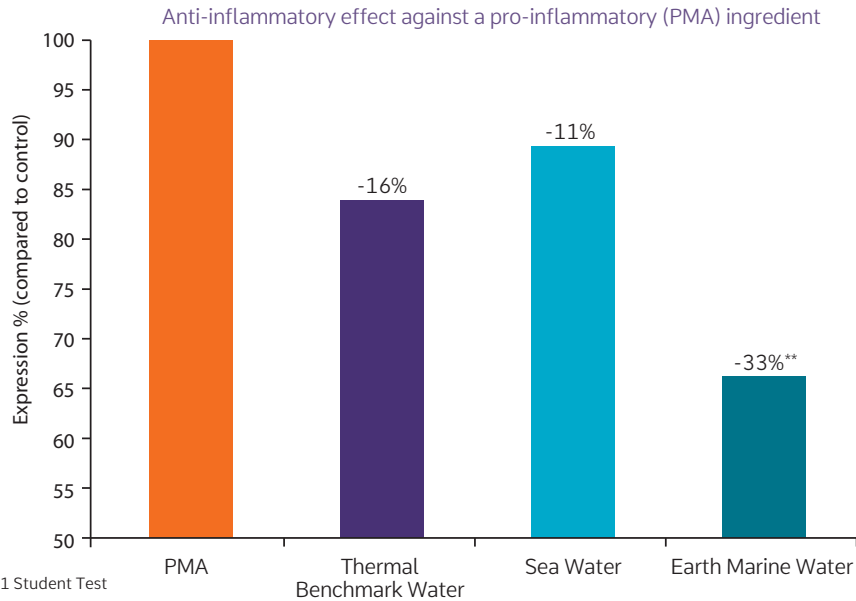
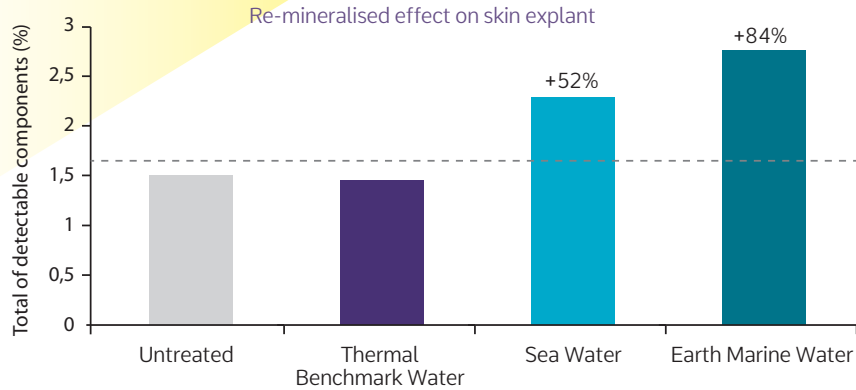
## A VITAL AND PROTECTIVE ENVIRONMENT

A French aquaculture company raising young turbot for export to Asia noticed a very high mortality rate during transport. When Earth Marine Water was used instead of sea water to transport the livestock, a much higher survival rate was noticed. Thus, while everyone believed that salt was the only major resource of Noirmoutier, these fish farmers casually discovered the beneficial properties of a unique water that originates in the heart of the island.

## WATER SOURCED IN THE HEART OF NOIRMOUTIER

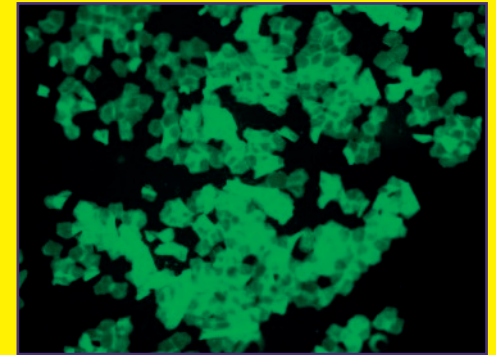
The source of Earth Marine Water is on the island of Noirmoutier, in France, a vast natural environment encompassing salt marshes, sand dunes and oak tree forests, a habitat thriving with many species of plants and animals. This type of water, uniquely enriched with minerals, is obtained from deep sea water penetrating the Earth's crust. Under the ground, sea water slowly seeps through various geological layers. Filtering through underground rocks, Earth Marine Water acquires its unique mineral properties, especially rich in manganese, zinc, iron and lithium.

# A RE-MINERALISING, DETOXIFYING, STRENGTHENING ACTIVE

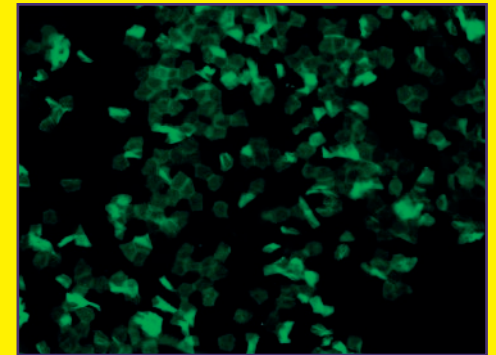


Detoxifying effect: view of the skin surface with carbonylated proteins in fluorescent green

D0



D14



## RE-MINERALISING

Earth Marine Water re-mineralises the skin more effectively than sea water or thermal water. These essential elements enable Earth Marine Water to stimulate cell viability, which results in a revitalising effect.

## DETOXIFYING

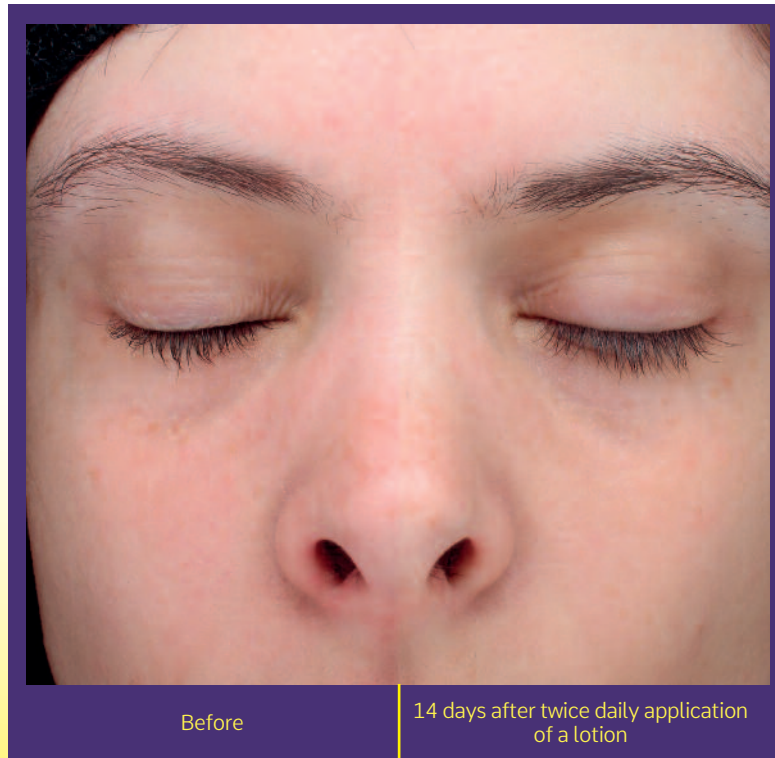
Every day, the skin is under attack by elements that contribute to oxidative stress and protein oxidation, leading to carbonylated proteins (i.e. proteins that are no longer functional). Thanks to its antioxidant action and shielding properties against tobacco smoke and exhaust fumes, Earth Marine Water reduces the number of carbonylated proteins after just 14 days of use. Earth Marine Water reduces skin oxidation and protects the skin against the damaging effects of external influences. The result is a detoxified, brighter skin and a fresh, even skin tone.

## STRENGTHENING

Earth Marine Water can also protect cells exposed to pro-inflammatory elements. This fortifying water has an immediately revitalising and illuminating effect on the complexion, for a radiant, refreshed skin.

## FOR HEALTHY SKIN

Skin tone is improved after 14 days using 1% lotion



Immediate astringent effect after applying a 2% mask for 15 minutes





# PRODUCTS BENEFITS

RE-MINERALISES  
DETOXIFIES  
STRENGTHENS

## IN-VITRO

- Re-mineralises the skin
- Revitalises skin cells
- Antioxidant effect
- Protects skin cells against tobacco smoke and exhaust fumes
- Reduces inflammation

## IN-VIVO

After applying a mask for 15 minutes:

- Refines the complexion, reducing the number of pores
- Reduces shine, providing a "rosy" effect and a radiant skin tone

After applying a lotion for 14 days:

- Reduces skin oxidation
- Improves skin radiance, providing a "rosy", more even skin tone

Hydrates and replenishes the skin

# INDICATIVE FORMULATION

## SLEEPING MASK

Phase	Raw material / Trade name	INCI Name	%
A	PHENOXYETHANOL (1)	Phenoxyethanol	0.80
	CETIOL LC (2)	Coco-caprylate/caprate	3.00
	SILICON (DIMETHICONE (100CS)) (3)	Dimethicone	2.00
B	DEMINERALIZED WATER	Water	83.63
	ELESTAB CPN (4)	Chlorphenesin	0.27
	EDETA BD (4)	Disodium edta	0.10
C	CARBOPOL ULTREZ 10 (5)	Carbomer	0.30
D	BUTYLENE GLYCOL 1-3 (6)	Butylene glycol	4.00
	KELTROL CGSFT (7)	Xanthan gum	0.20
E	SIMULGEL NS (8)	Hydroxyethyl acrylate / sodium acryloyldimethyltaurate copolymer & Water & Squalane & Polysorbate 60	2.00
F	SEPIPLUS 400 (8)	Polyacrylate-13 & Polyisobutene & Polysorbate 20 & Sorbitan isostearate & Water	1.00
G	SODA (SOLUTION 6.25N) (9)	Water & Sodium hydroxide	0.40
H	FRAGRANCE	Fragrance	0.10
	RODACEA PE (10)	Sea Water & Phenoxyethanol & Hydrolyzed rhodophyceae extract & Ethylhexylglycerin	1.00
	EARTH MARINE WATER G (10)	Sea Water & Glycerin	1.00
	SOLUTION BLUE No1 CI:42090 0.1 POURCENT (11)	Water & CI 42090	0.20

(1) LEVHOSS ; (2) SACI-CFPA ; (3) QUIMDIS SA ; (4) A.M.I ; (5) GATEEFOSSE France SA ; (6) UNIVAR ; (7) AZELIS ; (8) SEPPIC ; (9) BRENNTAG MAINE BRETAGNE ; (10) CODIF Technologie Naturelle, (11) LCW

## PROCEDURE

• Heat B to 75°C under low emulsifier • Cool down to 35°C while soft mixing • Add C on the surface of B without agitation for 10 minutes then mix under emulsifying device 1500 rpm for 10 minutes • Add the premix D into BC under emulsifying device 1500 rpm for 10 minutes • Add E under emulsifying device 2500 rpm for 10 minutes • Emulsify A in BCDE under emulsifying device 2500 rpm for 5 minutes • Add F under emulsifying device 2500 rpm for 10 minutes • Add G and then H components one by one while soft mixing and continue to mix for 20 minutes.

## HOW TO USE IT

Water soluble active ingredient to be used at 2% for immediate efficacy and at 1% in a daily care product:

In a moisturizer with **HYDRANOV & EARLY BOOST**

In an antiageing cream with **ACTIPORINE 8G** or **SILENAGE**

In a detox toner with **PHYCOJUVENINE** or **PHYCOSACCHARIDE AP**

In a brightening essence with **EPS WHITE**

In a skin perfector with **CORNEOSTICKER DS** or **SKINPERF LWG**

In an eye contour with **CITYGUARD +** or **DERMOCHLORELLA D**

## INCI

### EARTH MARINE WATER G

Sea Water & Glycerin

### EARTH MARINE WATER GP

Sea Water & Glycerin & Phenoxyethanol



[infotech@codif-tn.com](mailto:infotech@codif-tn.com)

[commercial@codif-tn.com](mailto:commercial@codif-tn.com)

70, rue du Commandant l'Herminier - CS 11781 - 35417 Saint-Malo cedex - FRANCE

Tel : +33-2-23-18-31-07 - Fax : +33-2-23-18-31-01

[www.codif-tn.com](http://www.codif-tn.com)



RPDOC176GB