



CODIF

Technologie naturelle

ACTIBIOME

For a completely healthy and uniform complexion.



We all need a healthy, balanced diet. Why shouldn't our skin? Why shouldn't our microbiota?

The microbiota consists of the microorganisms that live on the surface of our skin. It is involved in homeostasis and protecting our epidermis.

Like 93%* of consumers, Codif believes that the microbiota plays a major role in the health of the skin.

Actibiome is an active with a varied and balanced composition which strengthens and re-balances the biodiversity of cutaneous flora to eliminate redness and blemishes.

After 1 week the skin is more uniform, more beautiful and in better health.

WHAT MAKES IT UNIQUE

A COMPOSITION DESIGNED AS A HEALTHY AND BALANCED DIET

Actibiome is a combination of various components providing a variety of nutrients to support the biodiversity and homeostasis of the skin microbiota.

Sugars, a source of organic carbon for energy.

Peptides, a source of organic nitrogen for growth.

Exopolysaccharides known for their involvement in intercellular communication and their protective properties against environmental stress.

Minerals for developing diversified flora.

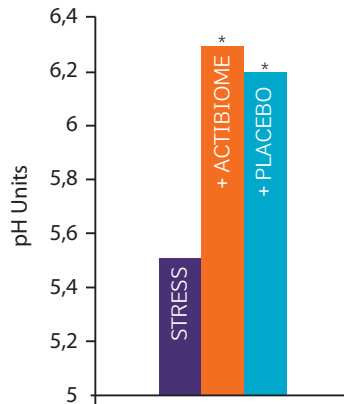
A REBALANCING ACTION ON CUTANEOUS MICROBIOTA

Our sometimes stressful lifestyle affects our microbiota, causing an imbalance which manifests in a reduction in cutaneous pH and an increase in diffuse redness. After 1 week's application twice daily, Actibiome reverses the imbalance and the microbiota returns to its initial condition.

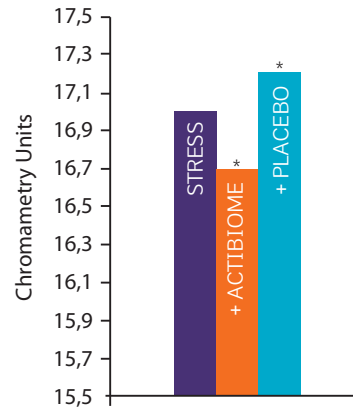
Effect of Actibiome on certain bacterial genus which are particularly disturbed by our lifestyle (application twice a day for 1 week).

GENUS	CHARACTERISTIC	EFFECT OF ACTIBIOME	EFFECT OF PLACEBO
Genus increased by stress and involved in inflammation of the skin			
Finegoldia	Anaerobic and potentially pathogenic for the skin	-30%	-36%
Peptoniphilus	Anaerobic and potentially infectious	-51%	-47%
Dialister	Anaerobic and potentially infectious	-23%	0
Gardnerella	Becomes pathogenic in association with anaerobic flora	-40%	+133%
Genus increased by stress and involved in acidification of skin pH			
Lactobacillus	Produces lactic acid	-12%	-4%
Lactococcus	Metabolises sugars into lactic acid	-16%	+45%
Genus reduced by stress and involved in protecting the skin against UV radiation			
Deinococcus	High resistance to UV	+400%	+100%

Actibiome rebalances the pH of skin previously reduced by a period of stress



Actibiome reduces redness previously accentuated by a period of stress



Actibiome rebalances the pH of the skin affected by a change in microbiota and reduces diffuse redness resulting from inflammation (applied twice a day for 1 week).

*p<0.05 Student test

PRESERVES AND RESTORES THE DIVERSITY OF CUTANEOUS MICROBIOTA

During a period of transient stress, the cutaneous microbiota is principally characterised by an increase in anaerobic bacteria and lactic bacteria which take part in acidification and inflammation of the skin. Actibioime reverses 65% of these bacterial genus against only 35% for the placebo.

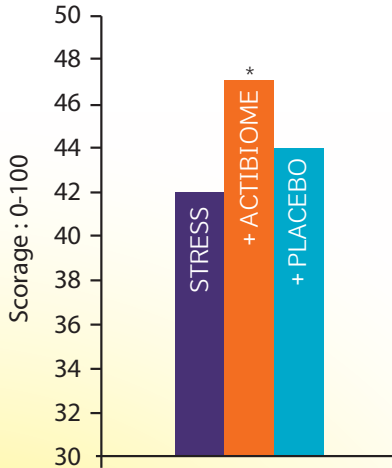
In parallel, it strengthens a UV resistant genus which is greatly reduced during periods of stress.

PRESERVES AND RESTORES CUTANEOUS HOMEOSTASIS:

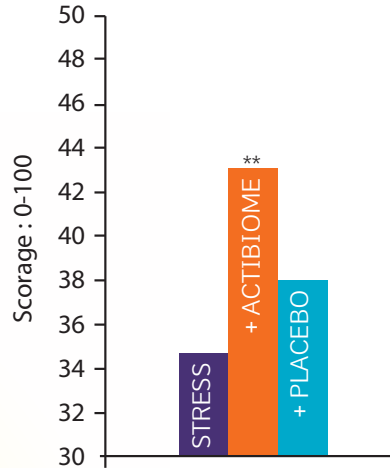
Rebalancing of the microbiota is followed by a significant rebalancing of the pH of the skin and a significant reduction in diffuse redness.

AFTER APPLYING TWICE DAILY FOR 1 WEEK, ACTIBIOME IMPROVES THE UNIFORMITY OF THE COMPLEXION, THE SKIN IS MORE BEAUTIFUL AND IN BETTER HEALTH.

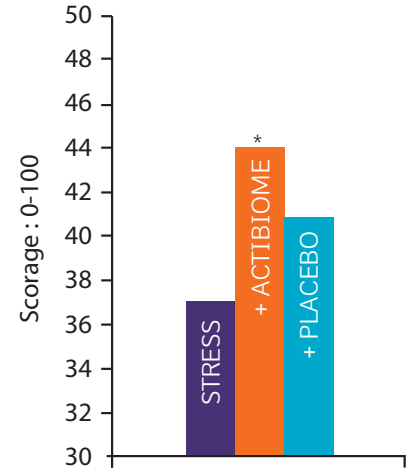
Health of the Skin



Uniformity of Complexion



Beauty of the Skin



*p<=0.1 Student test
**p<0.05 Student test

PRODUCT BENEFITS

CUTANEOUS BLEMISHES
UNIFORMITY OF COMPLEXION
SKIN HEALTH

IN-VIVO

BENEFITS FOR THE HEALTH OF THE SKIN

Reverses the effects of a period of stress on the microbiota population of the skin.
Rebalances 65% of the bacterial genera strongly affected by a period of stress against 35% for the placebo.
Rebalances the cutaneous pH reduced by a change in microbiota.
Improves the health of the skin.

BENEFITS FOR THE BEAUTY OF THE SKIN

Reduced redness.
Improves uniformity of complexion.
Improves the beauty of the skin.

GUIDANCE FORMULATION

BIO-BALANCE

Phase	Commercial Name	INCI Name	%
A	DEMINERALISED WATER	Water	79.43
B	ELESTAB CPN (1)	Chlorphenesin	0.27
	DERMOFEEL PA-3 (2)	Sodium phytate & Aqua (water) / water & Alcohol	0.10
C	LECIGEL (2)	Sodium acrylates copolymer & Lecithin	2.00
	CAPRYLIC/CAPRIC TG MB RSPO (3)	Caprylic/capric triglyceride	5.00
D	CETIOL SB 45 (1)	Butyrospermum parkii (shea) butter	5.00
	PHENOXYETHANOL (4)	Phenoxyethanol	0.80
	COVI-OX T90EU C (1)	Tocopherol & Helianthus annuus (sunflower) seed oil	0.05
E	ACTIBIOME PE (5)	Water (and) Seawater (and) Glycerin (and) Laminaria digitata extract (and) Chlorella vulgaris extract (and) saccharide isomerate (and) phenoxyethanol (and) ethylhexylglycerin	1.00
	PERFUME	Perfume	0.10
	SODIUM HYDROXIDE SOLUTION 6.25N (6)	Aqua (water) & Sodium hydroxide	0.05
			100.00

(1) A.M.I ; (2) UNIPEX ; (3) STEARINERIE DUBOIS ; (4) LEVHOSS ; (5) CODIF Technologie Naturelle ; (6) BRENNTAG MAINE BRETAGNE

PROCEDURE

• Heat phase A to 75°C in an emulsifier with gentle stirring. • Add the B ingredients and emulsify gently for 5 minutes. • Add C and emulsify at 2500 rpm for 10 minutes. • Heat Phase D to 75°C. • Emulsify D in ABC in an emulsifier at 2500 rpm for 10 minutes. • Leave to cool at 35°C while stirring gently. • Add the E ingredients one by one while stirring gently and keep mixing for 20 minutes. • Check the pH: 6.0 +/- 0.3.

HOW TO USE IT

Water soluble active to be used at 1% or 2% in:

A skin repair product for sensitive skin with **PHYCOSACCHARIDE AI**

A lipid restoring nourishing preparation with **HYDRASALINOL**

A city-life anti-ageing skin care product with **SILENAGE**

INCI

ACTIBIOME PE recommended at 1%

Water (and) Seawater (and) Glycerin (and) Laminaria digitata extract (and) Chlorella vulgaris extract (and) Saccharide isomerate (and) Phenoxyethanol (and) Ethylhexylglycerin

ACTIBIOME GPA recommended at 2%

Glycerin (and) Water (and) Seawater (and) Laminaria digitata extract (and) Chlorella vulgaris extract (and) Saccharide isomerate (and) Phenethylalcohol



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