

## **When cosmetics hit algae**

The algae are the basis of life:

The microalgae are indeed the first living beings that our planet has produced.

Today we know about 25,000 – 30,000 varieties of algae.

The benefits of algae have been known for a long time. The first medical description was found in a document by Shein – Nung, 2700 BC.

In Brittany, about 617 different types of algae grow, but about 90% of the biomass is provided by 10 varieties.

In addition, Brittany extends into the ocean as a "peninsula".

So we are at the heart of algal wealth – quantitatively and qualitatively.

The laboratories of Algologie use a wide variety of algae according to their special features.

- blue-green algae
- green algae
- brown algae
- red algae

## **Why are seaweeds used?**

The algae concentrate a maximum of vital substances in their marine habitat: trace elements, amino acids, vitamins, mineral salts...

By means of osmosis, our organism can process the various ingredients according to its own needs.

## **Algae in cosmetics**

The algae can be used very differently in cosmetics:

- as a binder
- as a thickener
- as a dye
- as antioxidant
- as a "green antibiotic"

But their most important task arises from their innermost wealth of active substances for the human organism. They are remarkably strong in skin penetration.

Algae are used in very different forms:

- Powder for bathrooms
- Powder for packs
- Fresh algae
- Algae gels
- Algae soap
- Extracts for all types of galenic processing.