



## Gattefossé pushes further its approach of upcycling

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**Pursuing the ambitious objectives of its CSR policy, the French-heritage cosmetic ingredients maker Gattefossé, reinforces the study of wasted materials to produce high-quality bioactives.**

**Two bioactives are born these last two years from the underutilized leaves of sea buckthorn: Eyeglorius™ and Noxifense™.**

### Exploring the potential of wasted raw materials

In the company's CSR roadmap, [Gatt'Up&Act](#), the responsible management of waste is a strategic stake.

*"Besides implementing a waste management system, we are also working with the notion of upcycling. Wastes' recovery is fully integrated right from the earliest stages of development. This approach has even been reinforced within the last years with several projects underway based on upcycling, as a source of future sustainable, responsible and effective products",* explains Laurent Schubnel, Group CSR Leader at Gattefossé.

This is how the company decided to make the most of the underutilized leaves of sea buckthorn (*Hippophae rhamnoides*)



### *Hippophae rhamnoides*, a highly nutritive and versatile plant

This shrub features a remarkable phytochemical richness with an abundance of phenolic acids, lipophilic compounds, vitamins, and organic acids, providing the plant with impressive biological potential.

Gattefossé's research team took an interest in the unused sea buckthorn's leaves. Work to secure the supply of the plant has taken the company in Quebec, Canada, in a family-owned orchard dedicated to its organic cultivation and the transformation of berries into food items.

Every September, the fruit-bearing branches are manually cut, allowing for tree pruning. The leaves are separated from the fruits which will be transformed into juices, sorbets, or jams.

Gattefossé recovers the leaves, upcycling this valuable material.

## One plant, two bioactives

Gattefossé deployed its deep savoir-faire in plant chemistry, using different extraction technologies, to harness the full potential of this raw material.

Following the success of [Eyeglorius™](#) - a liposoluble anti-fatigue active obtained via supercritical CO<sub>2</sub> extraction and launched in 2024 - Gattefossé will soon introduce Noxifense™. This new active introduces new possibilities for the application of sea-buckthorn leaves.

Noxifense™ ensures a holistic approach to skin sensitivity care, by strengthening the skin's defense mechanisms against environmental stress. It draws on the emergent theory of "oxi-inflammation," the harmful interplay between oxidative stress and inflammation. Its soothing effects are achieved through a finely tuned process targeting specific families of flavonoids, which are of high interest for their antioxidant and anti-inflammatory properties.



**Eyeglorius™**



**Noxifense™**

Noxifense™ is currently being previewed at PCHI China, from February 19 to 21, on Gattefossé stand 2C41.

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### About Gattefossé

The Gattefossé Group is a community of employees, animated by the same drivers: the performance of its products and the personalized support of its customers.

Gattefossé develops, manufactures and sells pharmaceutical excipients and cosmetic ingredients of natural origin for the beauty and health industries worldwide, through its 12 affiliated companies and network of global agents and distributors.

Specialist in lipid chemistry and plant chemistry, Gattefossé offers recognized expertise in formulation using its 4 Technical Centers of Excellence in France, China, India and the United States.

Environmental and social issues have always been part of the culture of this French family business, founded in Lyon in 1880. Today, Gattefossé relies on a purposeful CSR approach to build its innovation and development strategy.