

Charline Radola

Founder and (eco)toxicologist



Galeniform
— Laboratoires d'Écoformulation —



By I FEEL GOOD event

Charline, tell us about yourself and your background

I am a toxicologist and ecotoxicologist graduated from the University III Paul Sabatier and the veterinary school of Toulouse.

I worked as a toxicologist in several companies to ensure regulatory compliance of natural raw materials and ranges of cosmetic products (hygiene, beauty and sunscreen products).

Having been unable to find a laboratory incorporating a strong ecotoxicological approach and having a real desire to make ecotoxicology known through my strong attachment to environmental values, I founded the Galeniform Ecoformulation Laboratories.

I also attach great importance to the transmission of knowledge and values. Also, I regularly intervene in university training, both in the field of ecotoxicology and toxicology or regulations.

Galeniform, what is it?

Galeniform is an eco-formulation laboratory specialising in the development of natural and environmentally friendly products.

We have the status of Company with a Mission which is very close to our hearts with the Purpose of participating in the construction of a world more committed to the environment.

To meet our Purpose, we have different objectives, including the conduct of ecotoxicological analyzes (toxicity on the environment) on our formulas, which is at the heart of our developments.

We support all phases of ingredient and product development: research and development, stability & compatibility testing,

regulatory dossier and safety assessment, test management and industrial transposition.

We also offer a brand new catalogue of white formulas, COSMOS Natural and eToxiSafe certifiable.

Finally, we specialise in regulatory advice, the constitution of Product Information Files (PIF) and the drafting of safety assessments, part A and B, of cosmetic products.

What does Ecoformulation mean?

Eco-formulation is the science that makes it possible to create and develop responsible formulas for the environment. This takes into account several parameters:

The ingredients of the formulas:

Each ingredient incorporated in our formulas has been studied and analysed from an ecotoxicological point of view, this is called the eco-toxicological profile of the ingredient, to have the least possible impact on the ecosystems

The origin of the raw materials as soon as possible is French

Suppliers have a CSR approach in line with our values

The formulation :

Our partnership with the company Toxi Plan, which has developed an in silico eToxiSafe calculator (patent pending) to predict the toxic impact of complex mixtures on aquatic and terrestrial organisms (algae, crustaceans, corals, plants, earthworms, etc.) makes it possible to design formulas that are less toxic to the environment.

Realization of eco-toxicological tests in laboratories following the eToxiSafe prediction to confirm the harmlessness of formulas on the environment.

The manufacturing process:

We optimize the manufacturing processes in order to reduce the energy impact: reduction of the heating temperature, reduction of heating times.

"Smart" manufacturing processes also make it possible to reduce the stages of cleaning tanks and/or equipment in order to reduce the volume of water necessary for each manufacturing process.

The laboratory :

Laboratory processes are analysed to be as virtuous as possible: elimination of single-use plastic pipettes, use of reusable glass jars for laboratory tests, etc.

The processes for sending samples to test laboratories are also optimized: reuse of used cardboard and padding, use of a carrier with a responsible and committed approach, etc.

What are Galeniform's values?

Our approach being strong and committed, Galeniform has decided to adopt the status of "Company with Mission".

"Aware that Nature is a wealth that we must safeguard and that the preservation of the environment is a major issue in our society, the company gives itself the raison d'être, [...], to "contribute to the construction of a world more committed to the environment". »

This strong Purpose is linked to the objectives set out in the company's statutes:

- The company is committed to fully integrating an eco-toxicological approach in the development of its creations.
- The company wishes to carry out or participate in actions with a positive impact on the environment, within the limits of its possibilities.
- The company aims to make its employees aware of the challenges of responsible development.

Thus, eco-toxicological analyses are at the heart of every development carried out within Galeniform. We, therefore, offer brands of cosmetics, detergents and sports products an eco-designed product development service: from the formula to the finished product, including packaging. These formula bases are eco-friendly, of natural origin, healthy and effective. These formulas are Cosmos Natural certifiable and easily adaptable to be accepted Cosmos Organic.

Galeniform's second mission is to encourage new and young brands of finished products to be more virtuous and to build their project around eco-responsibility. To this end, we offer extensive and complete monitoring of projects (eco-formulation, advice on the tests to be carried out, the establishment of the safety file and the Product Information File, assistance with industrial transposition, etc.) so that these young brand creators benefit from a trusted partner in the accomplishment of their project.

Finally, in substantive terms, Galeniform communicates directly with consumers through various social networks in order to raise their awareness of the environmental cause and introduce them to the usefulness of using eco-formulated products.

How is your Laboratory different from the others?

In the eco-formulation process, our greatest added value is that of the eco-toxicological risk prediction stage. When a company uses our services, it allows it to improve the value proposition of its product.

In addition, this allows companies to work with a partner with the status of "Company with a Mission" and to anchor this partnership in their CSR approach.

We also have the particularity of carrying out regulatory (DIP drafting) and toxicological missions in-house, which gives us agility in the entire development process.

Who are your customers?

Our clients are brands with projects that need a custom-formulated product or an eco-designed white label.

Thanks to our expertise as a toxicologist and our attraction for support, we also work a lot for brands in need of regulatory support and/or the assessment of the safety of cosmetic products.

What are the different services you offer?

We support all phases of development:

- Development of actives and ingredients
- Regulatory and toxicological compliance of ingredients
- Formulation of ingredients to offer formulation solutions to formulators of finished products
- Stability & compatibility tests
- Custom product development (ecotoxicity prediction study included)
- Catalogue of white formulas (certifiable COSMOS Natural and eToxiSafe formulas)
- Support and advice on claims and efficacy tests
- Security test management
- Drafting of Cosmetic Product Safety Reports (RSCP) by a toxicologist
- Drafting of regulatory files (DIP)

Our philosophy is to adapt to the real needs of the project leader as well as to rationalize tests, costs and deadlines.

What excites you about your job?

I am passionate about transmission and accompaniment. I really like to see project leaders flourish and see their project come to fruition. My greatest successes are undoubtedly their messages of thanks following our performance.

This passion is also driven by my team with whom I share these values and who make me proud every day. We work in a relaxed, sunny and caring atmosphere and I think this is reflected in our customers.



How do you see the cosmetics of tomorrow?

Eco-designed, without hesitation. We often hear of a thing or an action “it is purely cosmetic” to mean that it is superficial in nature. However, I am convinced that cosmetics are not so “cosmetic”.

Cosmetics provide protection, are essential for hygiene and have an important place in our physical and mental well-being.

Cosmetics must evolve with the times, and given the environmental challenges we have been facing for several years, it is important to design them from now on through the filter of eco-design.

We'll find you on I FEEL GOOD on September 19 and 20 for the second time in a row, what are you going to present for this new edition?

During this new edition, we present for the first time our range of white formulas eToxiSafe, developed in partnership with the company Toxi Plan.

For this occasion, we are sharing the same stand and we will be delighted to introduce you to the texture and effectiveness of our attractive galenics as well as to answer your questions concerning ecotoxicity.



You will find Galeniform at stand 209 at the I FEEL GOOD exhibition, September 19 & 20, 2023

charline.radola@galeniform.com