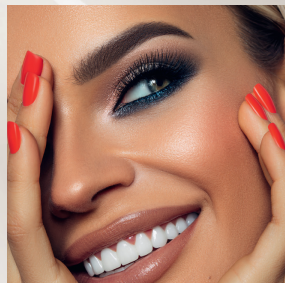
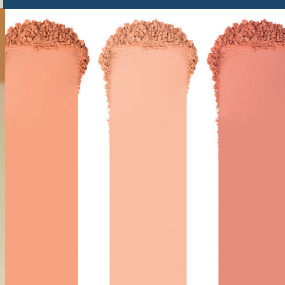


EDITED BY ANNE-MARIE PENSÉ-LHÉRITIER

# Design of cosmetic products

## Formulation



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# Design of cosmetic products: Formulation

Anne-Marie Pensé-Lhéritier, coordinator

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M. Feuilloley, N. Orange, 2018
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# Foreword

Formulation is without a doubt the major step in the design of the cosmetic product. At the crossroads between market expectations, technical and regulatory challenges, the products developed must meet the safety and performance requirements of our industry and embody the brand's know-how.

Formulating must first of all make it possible to respond to a market or create it: this is exactly the purpose of the marketing brief that the formulator will have to translate into a form and product, as well as into physico-chemical and sensory characteristics. Although it is often referred to as an art, it is first and foremost a formidable challenge to be renewed with each new product. Scientific and technical challenge on the one hand with the choice of materials and processes that make it possible to develop stable and high-performance products with regard to their use. But also regulatory challenges as the formulas developed must provide every guarantee of safety for the consumer and be exportable worldwide.

This book details the major forms developed by the cosmetic industry, their design and the evaluation of their stability and sensory properties.

Each chapter will provide the reader with operational keys to learn and understand cosmetic formulation.

New chapters have been added to this edition compared to the previous ones, therefore it has been structured around 4 main parts to make reading easier.

The first part deals with the environment of formulation, it comprises 5 chapters. They address the important topics during product development: challenges, regulations, stability, sensoriality and safety of the cosmetic product. The second part presents and details the main categories of formula chassis; it includes two new chapters on solid cosmetics. The third part presents make-up in all its form and for all applications in a very documented way. The fourth and last parts deal with the specific formulation of sunscreen products and the in-vitro evaluation methods to evaluate them.

**Anne-Marie Pensé-Lhéritier and Christophe Masson**





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This book, which has become an essential reference for both student training and product innovation, details the major forms developed by the cosmetics industry, their design and the evaluation of their stability and sensory properties.

Each chapter provides the reader with operational keys to learn and understand cosmetic formulation.

This new edition has been enriched with different chapters compared to the previous editions and is therefore structured in 4 main parts to make it easier to read.

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The third part presents make-up in all its forms and for all applications in a well-documented way.

The fourth and last part deals with the specific formulation of sun-screen products and the *in vitro* evaluation methods to evaluate them.

**Coordinated by Anne-Marie Pensé-Lhéritier**, who has assembled a team of specialists and industrialists in the field, this practical and synthetic book is intended for cosmetics professionals, who will find all the information they need on a daily basis to develop, market or advise on new products, as well as for students and teachers in the cosmetics and aesthetics fields.

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The know-how of the French perfume and cosmetics industry is recognized throughout the world. The development of research in this field contributes to the evolution of cosmetic sciences. This collection, co-authored by teachers, researchers and professionals, allows for the capitalization and dissemination of knowledge. It is positioned as a reference for the training of students and professionals in the sector.

Prix : 62 €



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