



MANUFACTURING AND PRODUCTION

Cosmetics and Personal Care Product Manufacturing

3 day course

Classroom, online or in-house

Course overview

Personal care products are applied to skin, sold on how they feel and regulated on what they may claim, so a formulation has to satisfy chemistry, sensory expectation and a regulator at the same time. This course covers all three. Delegates work through emulsion science in practical terms: oil in water and water in oil systems, emulsifier selection, and the phase behaviour that decides whether a cream separates in a warehouse. Manufacturing follows, covering phase preparation, heating, homogenisation and the cooling profile that sets texture. Preservation is treated seriously, including preservative systems, challenge testing and why an underpreserved product is a health risk rather than a quality problem. Water quality and plant hygiene are addressed. Surfactant based products, shampoos and washes, are covered. Actives, claims substantiation and stability follow. Packaging compatibility is addressed. Regulatory requirements including ingredient listing and restricted substances are covered. The course closes on batch records, on scale up and on complaint investigation.

What you will learn

- Design oil in water and water in oil emulsions that stay stable
- Select emulsifiers and predict phase behaviour
- Manufacture through phase preparation, homogenisation and controlled cooling
- Build preservative systems and verify them by challenge testing
- Formulate surfactant based shampoos and washes
- Substantiate claims and prove stability and packaging compatibility
- Meet ingredient listing rules and investigate complaints

Who should attend

- Cosmetic formulators and product developers
- Production supervisors in personal care manufacturing
- Quality assurance and microbiology staff
- Regulatory staff in cosmetics
- Entrepreneurs manufacturing skin and hair products

Course outline

- 01 Chemistry, feel and a regulator
- 02 Emulsion types and emulsifier selection
- 03 Phase behaviour and separation risk
- 04 Phase preparation and homogenisation
- 05 Cooling profile and texture
- 06 Preservation and challenge testing
- 07 Shampoos and surfactant systems
- 08 Claims, stability, packaging compatibility and complaints

Upcoming dates



Dates	Venue	Format	Fee per delegate
7 to 9 October 2026	Mbabane, Eswatini	Classroom	R14,950
2 to 4 November 2026	Nairobi, Kenya	Classroom	USD 995
1 to 3 February 2027	Windhoek, Namibia	Classroom	R14,950
17 to 19 February 2027	Online	Online	R6,500

Fees and how to register

This 3 day course is **R6,500** per delegate online, **R14,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 995** in the classroom elsewhere in Africa. In-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afriScience.co.za, or WhatsApp us on **+27 63 479 1136**.

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