Record Nr. UNINA9910796553003321 Autore Tadros Tharwat F. <1937-> Titolo Formulations: in cosmetic and personal care // Tharwat F. Tadros Pubbl/distr/stampa Berlin, [Germany];; Boston, [Massachusetts]:,: De Gruyter,, 2016 ©2016 **ISBN** 3-11-045240-5 3-11-045238-3 Descrizione fisica 1 online resource (304 p.) Collana De Gruyter Graduate Disciplina 668/.55 Soggetti Cosmetics Soap Toilet preparations Chemistry, Technical Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references at the end of each chapters and index. Frontmatter -- Preface -- Contents -- 1. General introduction -- 2. Nota di contenuto Surfactants used in cosmetic and personal care formulations, their properties and surfactant- polymer interaction -- 3. Polymeric surfactants in cosmetic formulations -- 4. Self-assembly structures in cosmetic formulations -- 5. Interaction forces between particles or droplets in cosmetic formulations and their combination -- 6. Formulation of cosmetic emulsions -- 7. Formulation of nanoemulsions in cosmetics -- 8. Formulation of multiple emulsions in cosmetics -- 9. Liposomes and vesicles in cosmetic formulations -- 10. Formulation of shampoos -- 11. Formulation of hair conditioners in shampoos -- 12. Formulation of sunscreens for UV protection -- 13. Formulation of colour cosmetics -- 14. Industrial examples of cosmetic and personal care formulations -- Index Sommario/riassunto Formulations starts with a general introduction, explaining interaction forces between particles and droplets, self-assembly systems. polymeric surfactants and nanoemulsions. The second part covers the industrial examples ranging from foams, soaps over to hair care,

sunscreen and make-up products. Combines information needed by

formulation chemists as well as researchers in the cosmetic industry due the increasing number of products.