

CY-520 SOAP, DETERGENT & COSMETIC INDUSTRIES

Soap: Raw materials, chemistry of soaps, classification of soaps, manufacturing of soaps: Batch Kettle process, flow diagram and details, Monasavon process, Delaval process, Sharpless process, environmental aspects.

Detergent: Classification, examples of cationic, anionic, nonionic and amphoteric detergents and their action with water, binders, opacifying agents, flavours, moisturizers of soap industry, principle groups of synthetic detergents, surfactants, inorganic builders, sundry organic builders, manufacturing of detergents.

Cosmetic Industry: Cosmetics types, classification and uses. preparation of skin care & cosmetic products, preparation of creams, lotions and sun-block preparations, medicated creams, oil in water & moisturizing preparations, depletory creams, preparation of tooth pastes and tooth powders, mouth wash and gargles, preparation of hair dyes, hair creams, shampoos, other hair softening and conditioning products, preparation of health care products, disinfectants, odour masking products and deodorizers, environmental aspects of cosmetics industry.