



Development of Organic Skincare and Natural Cosmetics: A New Startup (Business + Chemistry) for Local Industry

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Background and Objectives

The global bar soap industry is worth approximately US\$186 billion. Current trends in consumer preference have shown an increase in demand for the use of natural ingredients in personal skin care and cosmetics products. This has resulted in a steady increase in small- and medium-sized artisan hand-made or homemade soap businesses offering a variety of products with a range of natural ingredients to supply this niche market. Formulation of specialty hand-made natural soap bars by artisan soap makers involves a skillful combination of the ingredients, thoughts, and artistic creativity to produce high-quality soap bars with superior sensory characteristics that resonates with consumers. These sensory characteristics include fragrance, color, lather ability, moisturizing capabilities, hardness, skin compatibility, and chemical stability during storage and use. Natural soaps are generally defined as alkali salts of fatty acids derived primarily from vegetable or plant oils used as soap feedstock, and contained natural fragrances and/or organic ingredients included as additives.

Experimental Materials for Soap

- Coconut oil – to produce good lather.
- Olive oil – which makes a hard and mild bar.
- Other liquid oil – like almond oil, grapeseed, sunflower or safflower oil.
- Lye – also called 100% sodium hydroxide.
- Cool water – use distilled or purified.
- Fragrance
- Natural colourant

Method

Quantities of oils, water and lye were measured. oils were heated followed by addition of water and lye at 120°C. Mixture was stirred at room temperature. Herbs, essential oil, fragrance were added followed by slow stirring to homogenise the mixture. The mixture was poured into mold covered with plastic wrap

Conclusion

Our basic purpose is to provide best for our customers. Initially we are working on soaps (coffee soap, sandal soap and antibacterial soap), brightening creams and moisturizers. All ingredients used are from natural sources and purchase as in pure form. As FDA (Food and Drug Administration) banned anti-bacterial soap because the ingredient used in anti-bacterial soap are carcinogenic and harmful to skin. But in our soap and other products we used herbs for generating anti-bacterial properties which will not be harmful for our skin and health.

Reference

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