



Synthetic Cosmetics-An Overview

R.Ramasubramania Raja¹, M.Sreenivasulu², S.Ravali Reddy³, Ch.Kavitha Indra³,
K.Supriya Reddy³, P.Tejaswini Royal³, P.Varshitha³

¹Asst.Professor, Department of Pharmacognosy, Narayana Pharmacy College, Nellore, A.P

²Principal, Narayana Pharmacy College, Nellore, A.P

³B.Pharm III year, Narayana Pharmacy College, Nellore, A.P

Abstract: Cosmetics are defined as substances which are applied externally to improve the appearance. The enhanced one's beauty and self confidence by looking, smelling and feeling good. Some cosmetic skin care products such as moisturizing creams, lotions, etc... Samar mainly decorative cosmetics are also used as Camouflaging agents for covering various blemishes and marks like foundations, powders, etc., so we focused this review on synthetic cosmetics for day to day in human's life.

Key words: Cosmetics, moisturizing creams, lotions, powder, review

INTRODUCTION:

Synthetic substance is a compound which is made artificially through chemical reactions. Natural substances have been chemically modified through human labour or skill to yield substances which are chemically different from the pre-reaction substances. The proper definition of a synthetic is a substance which has been formulated or manufactured by chemical process and has chemically altered substance which was derived from a naturally occurring plant, mineral or animal source.

SYNTHETIC COSMETIC BRANDS:

- L'oreal,
- Pantene
- Nivea
- Lancome
- Avon
- Dove
- Olay
- Estee
- Laundry
- Head & shoulders
- Christian Dior
- Chanel
- Aveeno
- Garnier
- Schwarzkopf
- Maybelline
- Clarins
- Shiseido
- Clean and clear
- Neutrogena
- Nature
- L'Occitane
- Johnson's
- Lux
- M.A.C
- Kerastase
- Redken
- Rexona
- Biotherm
- Vichy
- Oriflame
- Matrix
- Clearasil



- Rimmel
- Yves saint laurent
- The Body Shop
- Polaorbis

FACIALS:

Facial is one of the commonest services offered by various beauty clinics and salons. The main effect of facials stimulating, relaxing and rejuvenating the skin which is the mainstay of all facials. It stimulates the vascular and granular activity thereby increasing the natural and Cellular regeneration. It helps to maintain correct oil and moisture balance.

EFFECT OF FACIALS:

The three main effects achieved by facials are as follows ;

1. Physical effect
2. Physiological effect
3. Psychological effect

Physical effect:

These are cleansing, exfoliating and increasing in local heat through frictional rubbing.

Physiological effect:

This is the body's natural response to the physical effect.

Ex: Increase in blood circulation and activation of glandular secretions.

Psychological effect:

Creation of a sense of well being (soothing and relaxing).

TYPES OF FACIALS:-

1. **Preservative facial:** for maintaining the health of facial skin.
2. **Corrective facial:** Aimed at correcting the common facial conditions like dry skin, greasy skin, comedones, superficial wrinkles, etc.,

Applications:

- Skin analysis
- Cleaning
- Toning
- Steaming
- Massage
- Comedone extraction

Side effects:

Acneiform eruption, allergic contact dermatitis to preservatives, perfumes, solubilizers and other constituents.

MANICURE:

- A manicure is a cosmetic beauty treatment for the fingernails and hands performed at home or in a nail salon.
- A manicure consists of filling and shaping of the nail edge, pushing (with cuticle nippers) any non living tissue (limited to cuticle and hand nails), treatments, massage of the hand and the application of finger nail polish.
- When applied to the toenails and feet it is referred to as pedicure.
- Some manicure can include the painting of pictures or designs on the nails or applying small decals or imitation jewels.
- Other nail treatments may include the application of artificial nail gel, nails tips or acrylic, some of which are referred to as French manicure.

TYPES OF MANICURE:

- Basic manicure
- French Manicure
- Reverse French Manicure
- American manicure
- Gel manicure



- Paraffin manicure
- Hot stone manicure

PEDICURE:

- A pedicure is a superficial cosmetic treatment of the feet and toenails. It provides a similar service to a manicure.
- Pedicures are done for cosmetics, therapeutic and medical purposes.
- It can help to prevent nail diseases and nail disorders.
- They are extremely popular throughout the world, primary among women.
- Pedicures or not just limited to nails usually dead skin cells on the bottom of feet are rubbed off using a rough stone called "Pumice stone".

TYPES OF PEDICURE:

- Classical or regular pedicure
- Spa pedicure
- Athletic or sports pedicure
- French pedicure
- Chocolate pedicure
- Margarita pedicure
- Stone pedicure
- Fish pedicure
- Milk and honey pedicure
- Wine pedicure
- Shanghai's pedicure
- Ice cream pedicure

Nowadays fish pedicure Salon is popping up everywhere. Fish therapy is a procedure in which a person places his feet in a tank filled with fishes and the fishes does the job of cleaning the feet.

Fish therapy has some benefits;

- Fishes do an excellent job of nibbling away the dead skin from the feet.
- After the fish therapy you will find your feet soft and smooth.
- Fish therapy is believed to greatly help in psoriasis but it does not cure it.
- Fish pedicure he is a great stress buster nibbling makes us laugh and giggling all the time.
- Usually the type of fish that is used for fish pedicure is called "Garrarufa" also called as "Doctor Fish" or "Nibble fish".

BODY MASSAGE:

- Massage involves working and acting on a body with pressure structured, unstructured, stationary or moving tension motion or vibrations done manually or with medical aids.
- massage can be applied with hands, fingers, elbows, knees, forearm, feet or a massage device.
- Depending on the application and technique used massage is used to promote relaxation and well being and is beneficial in treating sports injuries.
- It has problems affecting the musculature of the body such as postal misalignment and many painful conditions.
- Massage can also be sexual in nature.
- In professional settings massage clients are treated while lying on a massage stable sitting in a massage chair or on a mat on the floor.

Types of body massages or manipulative and body based methods:

- Acupuncture
- Bodywork
- Brown technique
- Chiropractic
- Craniosacral therapy



- Indian head massage
- Lomilomi
- Manual lymphatic drainage
- Massage therapy
- Osteopathic medicine
- Physical therapy
- Rolwing structural integration
- Shoutsu
- Thai massage
- Tuina
- Watsu
- Zero balancing

BENEFITS OF BODY MASS:

- Fighting fibromyalgia symptoms
- Easing surgical effects
- Improving mood
- Headache relief
- Lowering blood pressure
- Increasing flexibility
- Breaking back pain
- Curbing carpal tunnel

Side effects of synthetic cosmetics:

Various cosmetics and skin care products are widely available in stores and saloons; with their products it is easier for women to achieve a healthy, smooth and beautiful skin. However, even though these products are effective not all of these are safe. Cosmetics are supposed to help women look beautiful but their products are often so full of harmful synthetic chemicals that they could leave you with unsightly skin conditions. Most makeup products and cosmetics are terribly harsh on skin and numerous studies report that they are "Carcinogenic". Moreover cosmetics and makeup can inhibit skin from breathing and can harbour bacteria and

help external impurities causing skin problems. The cosmetics industry uses dozens of synthetic chemicals in the production in everything from lipstick and powders to shampoo and shaving creams. In the US "major loopholes in federal law" I love the cosmetics industry to put thousands of synthetic chemicals chemicals into personal care products. Even if those chemicals are linked to cancer or birth defects or infertility. At the same time as untested chemicals has been steadily introduced breast cancer incidence has rise dramatically.

CHEMICALS COMMONLY FOUND IN COSMETICS:

- Phthalates
- Triclosan
- 1,4- dioxane
- Paraben
- Ethylene oxide
- 1,3- butadiene
- Polycyclic aromatic hydrocarbons
- Lead
- Placental extract
- Sunscreen

Organic Makeup Company considers synthetic ingredients to be use those which are:

- Do not have natural reactants.
- Used Petroleum derived reactants.
- Used catalysts which are Petroleum derived or on the upper end of synthetic range.
- Use processes with require pressure and heat which cannot be achieved by simple technology.
- Yield products through chemical reactions that have properties which are chemically different from reactance.
- Yield chemically produced substances which are not biodegradable through normal biological process.



SYNTHETIC FORMULATION:

1. Hair shampoo:

“Shampoo” is an Indian word meaning “Massage”. However it is primarily hair care product consisting of a mixture of detergents, oil and water in varying proportions and is used for cleaning hair and scalp. If all the sebum is removed then the hair will look dull. Coarse and become difficult to comb or style.

FORMULATION:

- Shampoos are composed of detergents, the cleansing agents and other substances added for various purposes like foaming agent's thickness, softness or conditioners.
- These are also composed of colouring agents preservatives, fragrance, opacifiers, special additives, sequestering agents, etc.,.

2. Face packs:-

Face packs are also known as face masks or facials are basically skin cleaners which contain a variety of ingredients with added beneficial effects like Deep cleansing of the pores, skin tightening, toning nourishing, refreshing, drying up of acne lesions, rejuvenating, etc.

FORMULATION:

- If it contains absorbent materials, desquamating cells scrotum corneum, sebum, dirt and other libraries adhere to it when it is removed.
- If it contains astringent the pores and skin tightens.
- If it contains emollients the skin softens.
- If it contains cooling or soothing ingredients skin irritation subsides.

3. Face creams:

These are used cosmetically for softening and cleaning the skin. Cold cream, vanishing cream, emollient, ointment. Cream toiletry conditions of any various substances in the form of a liquid that have soothing and moisturizing effect when applied to skin.

FORMULATION:

- Facial creams contain a variety of ingredients the range from common such as Mineral oil to the exotic such as placental extract.
- Facial cream can be prepared from stearic acid, lanolin and mineral oil.

REFERENCE:

1. Satish. S. Savant textbook of dermatosurgery and cosmetology-2nd edition. (525-526) - ASCAD Mumbai, India.
2. William P. Coleman-3 (504,508) William C. Hanke, Thomas H. Att Cosmetic surgery of skin. (504 – 508)