

Cosmetics :

Cosmetics are external preparation which is applied on the external part of body.

Example:

Skin-care creams , Powder , Lotion , lipstick , etc



USES OF COSMETICS :

They use as cleansing, moisturizing and beautifying agent .

They help in inhancing attractiveness of the body.

They help in altering the appearance of the body.

Sunscream help the body to protect form UV.

Acne , wrinkles, dark-circles can be treated by beauty products.

Cosmetics can treat skin infection.



LIPSTICKS:

Lipsticks are colouring matter dispersed in base containing suitable blend of oil, fats, waxes, perfumes and flavors and moulded in the form of sticks to impart an attractive colour and shine to lips.

Uses :

They are used as moisturizing agent. They are used as beautifying agent.



INGREDIENTS	EXAMPLES
1) Solid compound a) Hydrogen waxes b) Mineral waxes c) Hard waxes	White beeswax Ceresin wax Carnauba wax
2) Liquid components	Castor oil , Mineral oils
3) Softening components	Anhydrous lanolin ,lecithin
4) Colouring Agents	Caramine, dyestuff
5) Pearlescent pigments	Guanine crystals
6) Opacifying agents	Titanium dioxide
7)Perfumes	Rose oil ,cinnamon oil

SHAMPOO :

These are viscous preparation containing synthetic detergent used for washing hair. They aim to clean the scalp by removing sebum and foreign substance and to make hair shiny.

Uses :

- It used to treat dandruff and other scaly.
- It used as a cleansing agent.



FORMULATION:

INGREDIENTS	EXAMPLES
1) Surfactants a) Anionic surfactants b) Non- ionic surfactants c) Cationic surfactants	Alkyl ether , sulphate Alkanolamides Alkyl amines , alkyl imidazoline
2)Foam booster	Monoethanolamides , Cocamide DEA
3) Germicides and Antidandruf	Benzalkonium chloride , Cetrimide
4) Conditioning agent	Lanolin , egg and amino acid
5) Sequestrants	EDTA , Citric acid
6) Thickness	Alginates , methyl cellulose555
7) Perfumes	Herbal fruits and floral fragrans
8) colour	FDSC Dye

COLD CREAMS :

Cold cream are W/O and O/W type of emulsion added with certain fats and perfuming agents .

Cold cream is mainly used for treatment (such as facial mask or lip bam)

USES:

They use as moisturizing agents

It can also used to remove makeup and shaving cream.

They protect the skin.



FORMULATION :

FORMULA	QUANTITY FOR 100 gm
White beeswax (emollient)	20 grams
Mineral oil (lubricants)	50 grams
Distilled water (vehicle)	28.8 grams
Borax	0.7 grams
Perfumes (odour)	0.5 grams

VANISING CREAM

Vanishing cream is a cosmetic cream that is colourless ones applied, used as a foundation for powder or as a cleansing cream.

They are also known as day cream. They can be applied in the day time .

USES:

They are use as moisturizing agent.

They are use as protective agent.

They are use as beautifying agent.



TOOTH PASTE :

Toothpaste is paste or gel dentifrice used with toothbrush to clean and maintain the aesthetics and health of teeth.

Toothpaste is used promote oral hygiene.

Gel meant for cleaning the our surface of teeth by removing the food debris and plaqueadhered the surface teeth.



USES:-

They used as protective agent for teeth.

Toothpaste used to promote oral hygiene.

It is an abrasive that aid in removing dental plaque and food form teeth , assist in suppressing halitosis , and delivers active ingredients to prevent tooth decay and gum disease.

Formula of Toothpaste :

Names of chemicals	Amounts
Calcium Carbonate	5.6 grams
Sodium lauryl sulphate	0.1 grams
Glycerine	2.2 grams
Acacia	0.15 grams
Saccharin	0.1 grams
Water	1.95 ml
Preservative	q.s
Flavouring agents	q. s
Colouring agents	q. s

HAIR DYE:

Hair dyes are cosmetic preparation which are used by men and women either to change natural hair colour to mask Grey hair.

Method of preparation of colourant:

FORMULA	QUANTITY FOR 100 GRAMS
Quaternary ammonia comp.	10-12 grams
Anionic surfactants	8-10 grams
Acid (buffer)	6-8 grams
Alkanolamide	4-6 grams
Dye stuff	1-2 grams
Water (solvent)	To make 100 g.



Uses

- 1) It is used as colouring and shine for hair.
- 2) It is used as a protective agent.

SUNSCREEN :

Sunscreen also known as sunblock, sun cream or suntan lotion is a lotion, spray, gel foam (such as an expanded foam lotion or whipped lotion), stick or other topical product that absorbs or reflects some of the Sun's ultraviolet (UV) radiation and thus helps to protect against sunburn.

Method of preparation

Formula	Percentage
Methyl salicylate.	9.0
Glycerin.	3.0
Borax.	2.0
Alcohol.	15.0
Water.	70.5
Perfume.	0.5

USES :

Sunscreen are used to protect the skin from the harmful effects of the sun

Reduce your risk of skin cancer.

Prevent the early onset of wrinkles and fine lines



REFERENCE: Leon Lachman , Herbert Lieberman the theory and practice of Industrial pharmacy

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