FORMULATION OF COFFEE EXFOLIATORS FOR FACE SCRUB

EXFOLIATORS: Exfoliation is a natural process of healthy skin, where the body sheds dead skin cells, allowing brand-new, fresh skin to be revealed beneath.

Natural Exfoliating agents are used to remove dead cells present on the skin and boost blood circulation, giving renewed and glowing skin. It keeps skin free from dirt, grime, accumulated sebaceous secretions and oils which are also beneficial in keeping the skin pores clean. Natural exfoliation spheres gently exfoliates and deep cleans the skin while protecting and nourishing it at the same time.

Umang Pharmatech manufactures **Sprayspheres SE®** beads containing natural products specially used for exfoliation.

KEY WORDS: Exfoliate ,peel off ,flake off ,throw out, shed off ,scrap, eliminate ,rub ,
Exfoliators beads , Scrub beads , Natural Exfoliators ,Cosmetic beads for aesthetic effects .

EXFOLIATION BENEFITS:

- Removal of dead skin cells
- Smoother, firmer skin
- Even-toned complexion
- Refined pores
- Reduces fine wrinkles, hyperpigmentation and scars
- Stimulates blood flow
- Allows for better absorption of moisturizers and serums

COFFEE EXFOLIATORS :

Coffee scrub exfoliator is a natural remedy that reduces lines and aging signs on skin, and get a glowing and healthy again. Coffee Scrub is a natural exfoliant and effectively cleans, heals, moisturises and rejuvenates the skin.

INCI NAME:

Coffea Arabica (Coffee) Seed Powder

PHYSICAL AND CHEMICAL PROPERTIES

Appearance - Free flowing brown color spheres

Solubility – Practically insoluble in water

Bulk Density - NLT 0.6 gm/cc

pH Value (1.0% Slurry) - 5.0 to 8.0

Loss on drying - NMT 8.0%

PARTICLE SIZES OF EXFOLIATOR BEADS

XS = Extra Small = 0.2 mm
VVS = Very Very Small = 0.2 - 0.3 mm
VS = Very Small = 0.3 - 0.6 mm
S = Small = 0.6 - 0.8 mm
M = Medium = 0.8 - 1.4 mm
L = Large = 1.4 - 2.0 mm
XL = Extra Large = 2 - 5 mm

KEY PROPERTIES OF COFFEE EXFOLIATORS

- Does not disappear on gentle rub
- Preservative Free
- Non GMO
- Provides Soft to mild Exfoliation
- Composition has GRAs status
- Only approved synthetic & natural colors used
- Provide visual effects
- It is natural, non-toxic, non-comedogenic and non-allergenic properties and also biodegradable
- Soft but effective abrasive, exfoliates naturally restore skin's beauty

FORMULATION TIP		
Face Scrub		
Ingredient	Qty(%ww)	Role O/Ing
White beeswax	20g	Emollient
Mineral oil (phase A)	50gm	Lubricant
Perfume	q.s (0.5)	Odour
D.W	28.8gm	Vehicle
Borax (phase B)	0.7gm	Buffer
Coffee Exfoliator	0.5-2%	Scrubbing agent

EFFECT OF COFFEE EXFOLIATIOR IN FACE SCRUB:

Coffee exfoliators makes a great exfoliant in facial scrub . Coffee scrub exfoliators do not dissolve in water, which makes them good at scrubbing away dead skin cells.

Coffee exfoliators unclog the pores. removes dead skin cells, making the skin look younger with its amazing antiwrinkle properties. Coffee exfoliators contains antioxidants such as polyphenols that helps to protect from harmful U.V rays and signs of ageing linked to sun exposure .

FORMULATION PROCEDURE:

Step I: Beeswax is melted in a container by using water bath to a temperature of about 70° C. Then mineral oil is added to the melted beeswax. This is mixture A.

Step II: In another container, water is heated to a temperature of about 70° C and borax is dissolved in it. This is mixture B. Mixture B (aqueous phase) is added slowly to mixture A (Oily phase) along with stirring. Stirring is carried out until a creamy emulsion is formed.

Step III: Finally, perfume is added to the preparation when it attains a temperature of about 40°C. Coffee exfoliator is added at the end of manufacturing at moderate temperature and at slow stirring. Shearing or other mechanical stresses should be avoided all manufacturing and filling process.

DOSAGE: 0.5 % to 2% for visual effect and up to 10 % for colour or active delivery

STORAGE: Temperature between 5° C -25° C