

FORMULATION OF COFFEE EXFOLIATORS FOR BODY 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 provides **Sprayspheres SE®** beads contain 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 effect.

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.

EXFOLIATION PROPERTIES

- 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

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

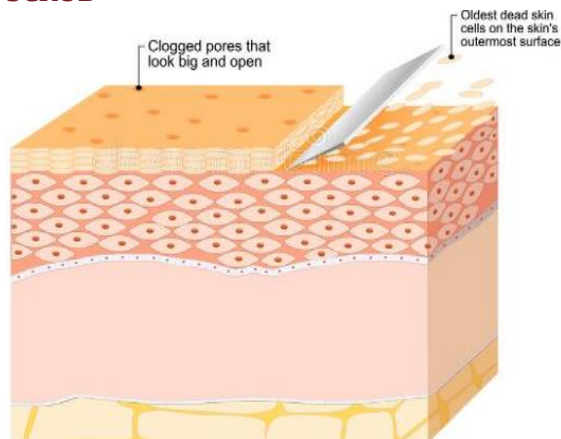
pH Value (1.0% Slurry) - 5.0 to 8.0

Loss on drying - NMT 8.0%

KEY BENEFITS 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
- It is natural, non-toxic, non-comedogenic and non-allergenic properties and biodegradable

EFFECT OF COFFEE EXFOLIATION IN BODY SCRUB



The process of applying a body scrub is also beneficial. The circular, massaging motions that actually boosts circulation and increases your blood flow. Coffee exfoliators do not dissolve in water, thus regularly using body scrub is a highly effective way to remove dead cells from the top layer of your skin so that new, revitalized cells can flourish.

FORMULATION PROCEDURE:

Step I: Meter water of Part A into appropriate vessel. Add EDTA and mix until dissolved. With moderate propeller agitation, add the carbomer and mix for 20 minutes.

Step II: Add ingredients of Part B to Part A with moderate propeller agitation.

Step III: Add Part C to Part AB in order listed with moderate propeller agitation. Mix 20-30 minutes with moderate agitation.

Step IV: Add Part D to batch in order listed, Mix with moderate agitation for 20 minutes. Adjust batch to pH 5.5 with part E. Add Coffee exfoliators at the end of manufacturing at moderate temperature and at slow stirring. Shearing or other mechanical stresses should be avoided during all manufacturing and filling processes.

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

STORAGE: Temperature between 5 ° C- 25° C

FORMULATION TIP	
BODY SCRUB	
Ingredients	Qty (wt %)
Part A :	
1.Deionized Water/Diluent	51.45
2.Disodium EDTA/Chelating agent	0.05
3.Carbomer(1)/Thickener	1.00
Part B:	
1.Propylene Glycol/Humectant	1.00
2.Glycerin (96%)/Humectant	2.00
Part C:	
1.Sodium Laureth Sulfate (28-30%)/Surfactant	16.00
2.Disodium Dimethicone Copolyol Sulfosuccinate(30%)(2)/Surfactant	15.00
3.Polysorbate-20/Emulsifier	1.00
4.Dimethicone (and) Laureth-4 (and) Laureth-Z3(SM2169)(3)/Conditioning	5.00
5.Cocamidopropyl Betaine/Surfactant	3.00
Part D:	
1.Polyquaternium-39(4)/Conditioning	3.00
2.DMDM Hydantoin (and) Iodopropynyl Butylcarbamate(5)/Preservative	0.15
3. Fragrance(6)	0.25
Part E:	
1.Triethanolamine(99%) /pH adjustment	1.10
Coffee Exfoliator	2 %

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