

## FORMULATION OF COFFEE EXFOLIATORS FOR FACE PACK



**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.

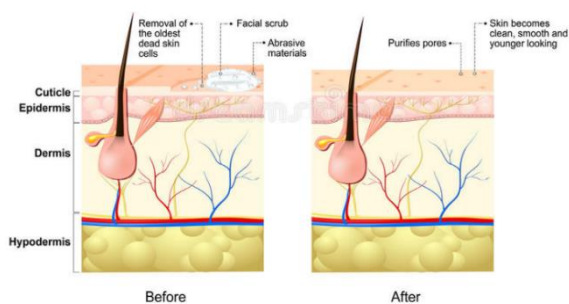
### **COFFEE EXFOLIATORS**

Coffee Exfoliator is safer and much easier to keep the skin clean. Coffee 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 BENEFITS:**

- Removal of dead skin cells
- Smoother, firmer skin
- Even-toned complexion
- Refined pores
- Reduces fine wrinkles, hyperpigmentation and scars
- Stimulates blood flow

### **EFFECT OF COFFEE EXFOLIATOR IN FACIAL PACK :**



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

Coffee scrub exfoliators unclogs the pores, removes dead skin cells, making the skin look younger with its amazing antiwrinkle properties. Coffee contains antioxidants, such as polyphenols, that helps to protect against

ultraviolet (UV) rays and signs of aging linked to sun exposure.

### 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 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 PROCEDURE:

**Pre-Mix 1:** Meter out water and start heating. Sprinkle in Carbopol and mix until all lumps are dispersed.

**Pre-Mix 2:** Dissolve preservative in propylene Glycol and add to Mix.

**Stage A:** Complete stage A by adding Magnesium sulphate to mix.

**Stage B:** Melt the oils and waxes of stage B and mix, bring to temperature.

**Stage C:** With the Silverson running slowly add the hot oils to the hot Aqueous Phase, mix briefly then add the Triethanolamine which will thicken

of the product.

**Stage D :** Start cooling with mixing, before the product gets too thick add the coffee exfoliators exfoliator and mix until dispersed, add the perfume and mix briefly. (Silverson mixing after addition of coffee exfoliator should be avoided).

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

**STORAGE:** Temperature between 5 ° C -25° C

FORMULATION TIP	
FACE PACK	
Ingredients	Qty (% wt)
Pre-Mix 1	
Water; Pure	72.050
Carbopol 940	0.200
Pre-Mix 2	
Propylene Glycol USP	6.000
Preservative as required	0.300
Stage A:	
Magnesium Sulphate	0.100
Stage B:	
Light Mineral Oil	8.000
GMS s/e	4.000
Stearic Acid-Triple Pressed	3.000
Almond Oil USP, Sweet	1.100
Peach Kernel Oil	1.100
Stage C:	
Triethanolamine 99%	0.900
Stage D:	
Coffee Exfoliator	0.5-2.0%
Cooling Cycle:	
Fragrance	0.250

### 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