

FORMULATION OF OATS EXFOLIATORS FOR BODY SCRUB

EXFOLIATORS: Natural Exfoliating agents are used to remove dead cells from the surface of skin and improve blood circulation, giving renewed and glowing skin. It keeps face free from dirt, collected sebaceous secretions also improves the skin appearance. Exfoliators remove dull flaky skin, even skin tone and diminishes the look of fine lines to reveal radiance. Natural exfoliation spheres gently exfoliate and deep clean skin while protecting and nourishing it at the same.

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.

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.



OATS EXFOLIATOR:

Oats Exfoliator soaks up the excess oil on your skin, unclog the pores and reduces the risk of blackheads and acne. They remove the dirt and exfoliate the skin.

It has anti-inflammatory properties that absorb, remove oil and bacteria from skin. Oats Exfoliator enriched with Amino acids and Vitamin B helps in removal of the oldest dead skin cells on the skin's outermost surface, and gives you a fresh, glowing and youthful skin.

INCI NAME:

Avena Sativa (Oat) Kernel Extract

PHYSICAL AND CHEMICAL PROPERTIES:

Appearance - Free flowing spheres ranging from light yellow to golden colour.

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%

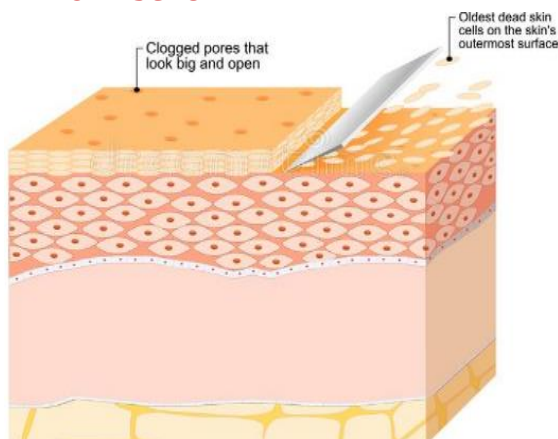


KEY PROPERTIES OF OATS EXFOLIATOR EXFOLIATORS:

- 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

EFFECT OF OATS EXFOLIATOR EXFOLIATIONS IN BODY SCRUB:



The soothing properties of Oats Exfoliator are beneficial in healing itchy and dry skin. Oats Exfoliator is a great solution for treating persistent eczema, dermatitis and other skin rashes. Furthermore, it also softens the skin and also protects the skin from external irritants and revamps skin tone. Body scrub with Oats Exfoliators helps to get rid of sunburn, heals damage skin by UV rays and provide soothing effect to the body.

FORMULATION PROCEDURE:

Stage 1: 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 min.

Stage 2: Add ingredients of part B to part A with moderate propeller agitation.

Stage 3: Add Part C to Part AB in order listed with moderate propeller agitation. Mix 20-30 min with moderate agitation.

Stage 4: Add Part D to batch in order listed. Mix with moderate agitation for 20 min.

Stage 5 : Adjust batch to pH 5.5 with Part E

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

STORAGE: Temperature between 5 and 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(l)/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
Oats 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