

ACB Modified Pomegranate Enzyme PF Sample Formulations

Code: 20440PF
INCI Name: Lactobacillus/Punica Granatum Fruit Ferment Filtrate
CAS #: 84961-57-9
EINECS #: 284-646-0

Sample Finished Formulation Guidelines

Exfoliating Face Mask
FNHP02-27-Exfoliating Face Mask

Problem Skin Moisturizer
FNHP02-26-Problem Skin Moisturizer



Tomorrow's Vision... Today!

Exfoliating Face Mask

Formulation Code: FNHP02-27

Ingredient	Trade Name/Vendor	%
Phase I		
Water	Water/Local	12.75
Ribes nigrum (Black Currant) Fruit Extract	PhytoCide Black Currant Powder/ Active Micro Technologies	2.00
Glycerin	Glycerin/Spectrum Chemical	7.00
Phase II		
Caprylic/Capric Triglycerides	Neobee® M-5/Stepan	3.00
Cetyl Alcohol	Cetyl Alcohol/Rita Corp.	3.00
Cetearyl Alcohol (and) Ceteareth 20	AC Emulsifying Wax C20/Active Concepts	5.00
Glyceryl Stearate	Cerasynt™ GMS/ISP	4.00
Behentrimonium Chloride	Varisoft® BT 85/Evonik	3.00
Phormium Tenax Seed Oil	AC Flax Seed Oil CLA/Active Concepts	6.00
Persea Gratissima (Avocado) Oil	Avocado Oil/Arista	3.00
Euterpe Oleracea Sterols	ABS Acai Sterols EFA/Active Concepts	5.00
Phase III		
Lactobacillus/Punica Granatum Fruit Ferment Extract	ACB Modified Pomegranate Enzyme PF/ Active Concepts	3.00
Lactobacillus/Arundinaria gigantea Ferment Filtrate	ACB Bio-Water Bamboo/Active Concepts	6.00
Water & Vaccinium Myrtillus Fruit/Leaf Extract & Saccharum Officinarum (Sugar Cane) Extract & Citrus Aurantium Dulcis (Orange) Fruit Extract & Citrus Limon (Lemon) Fruit Extract & Acer Saccharum (Sugar Maple) Extract	ACB Fruit Mix/Active Concepts	6.00
Water & Phospholipids & Tocopheryl Acetate & Retinyl Palmitate & Ascorbyl Palmitate	AC Vitamin Liposome ACE PF/ Active Concepts	3.00
Water & Saccharomyces/Zinc Ferment & Saccharomyces/Copper Ferment & Saccharomyces/Magnesium Ferment & Saccharomyces/Iron Ferment & Saccharomyces/Silicon Ferment	ACB Bio-Chelate PF/Active Concepts	3.00
Lactobacillus/Arundinaria Gigantea Ferment Extract	ACB Bamboo Bioferment PF/ Active Concepts	10.00
Caolinitic Mineral Clay	Amazonian White Clay/Jarchem	10.00
Phase IV		
Sodium Hydroxide (25%)	Sodium Hydroxide/Spectrum Chemical	0.25
Phase V		
Lactobacillus Ferment Filtrate	Leucidal® Liquid SF/Active Micro Technologies	4.00
Fragrance	Optional	1.00

Process Instructions:

- Phase I:** Charge water into main beaker and begin propeller mixing. A vortex should form. Charge remaining ingredients and begin heating to 75°C.
- Phase II:** Combine ingredients in a separate container and heat to 80°C. Once temperatures have been reached add Phase II to main and maintain temperature of 78°C.
- Phase III:** Begin force cooling. Charge each ingredient individually at 50°C.
- Phase IV:** Add at 45°C.
- Phase V:** Add at 45°C.

Problem Skin Moisturizer Formulation Code: FNHP-02-26

Ingredient	Trade Name/Vendor	%
Phase I		
Water	Water/Local	76.30
Lactobacillus/Oat Ferment Extract Filtrate	ACB Oat Extract Beta PF/ Active Concepts	1.50
Phase II		
Polyacrylamide & C13-14 Isoparaffin & Laureth-7	Sepigel™ 305/Seppic	3.30
Phase III		
Polydimethylcyclosiloxane	Dow Corning® 345 Fluid/Dow Corning	4.00
C12-15 Alkyl Benzoate	Finsolv® TN/Innospec	2.00
Retinyl Palmitate	Retinyl Palmitate/A&E Connock	0.05
Tocopheryl Acetate	Vitamin E Acetate/BASF	0.20
Phase IV		
Water & Sodium C8-16 Isoalkylsuccinyl Lactoglobulin Sulfonate & Salix Nigra (Willow) Bark Extract	ACB Equalizing Complex/ Active Concepts	2.00
Phase V		
Lactobacillus/Punica Granatum Fruit Ferment Extract	ACB Modified Pomegranate Enzyme PF/ Active Concepts	5.00
Water & Salicylic Acid & Phospholipids	AC Salicylic Acid Liposome PF/Active Concepts	2.00
Phase VI		
Polyacrylamidomethylpropane Sulfonic Acid	Rheocare® HSP-1180/BASF	0.15
Phase VII		
Butylene Glycol	Butylene Glycol/Spectrum Chemical	2.00
Glycerin	Glycerin/Spectrum Chemical	0.50
Phase VIII		
Leuconostoc/Radish Root Ferment Filtrate	Leucidal® Liquid/Active Micro Technologies	1.00

Manufacturing Process:

- Phase I:** Combine materials and heat to 50°C and hold for 15 minutes. Shut off heat.
- Phase II:** Disperse materials into batch and mix for 15 minutes.
- Phase III:** Combine and add materials to batch and mix for 20 minutes.
- Phase IV:** Add to batch and mix for 15 minutes.
- Phase V:** Add to batch and mix for 15 minutes.
- Phase VI:** Add to batch and mix for 15 minutes.
- Phase VII:** Combine and add materials to batch and mix for 20 minutes.
- Phase VIII:** Add to batch and mix for 30 minutes