



Tomorrow's Vision... Today!

AcquaSeal® Coconut Sample Formulations

Code: 20742
INCI Name: Cocos Nucifera (Coconut) Fruit Extract
CAS #: 8001-31-8
EINECS #: 232-282-8

Sample Finished Formulation Guidelines

Age Erasing Eye Serum
FNHP02-21 – Age Erasing Eye Serum

Environmental Defense Lotion
FNFA01-02 – Environmental Defense Lotion

Conditioning Shave Cream
FNFA01-06 – Conditioning Shave Cream

Anti-Frizz Treatment
FNHP02-04-Anti-Frizz Treatment

Version#2/09.16.16

Age Erasing Eye Serum Formulation Code: FNHP02-21

Ingredient	Trade Name/Vendor	%
Phase I		
Dimethicone & Dimethicone/PEG-10/15 Crosspolymer	KSG-210/Shin-Etsu Silicone	7.00
Cyclopentasiloxane (and) Dimethicone/Vinyl Dimethicone Crosspolymer	Chemsil K-51/Innospec	12.00
Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer	Chemsil K-61/Innospec	14.00
Phase II		
Deionized Water	Water/Local	47.25
Propylene Glycol	Propylene Glycol/Spectrum Chemical	10.00
Leuconostoc/Radish Root Ferment Filtrate & Lactobacillus & Cocos Nucifera (Coconut) Fruit Extract	Leucidal® Liquid Complete/Active Micro Technologies	4.00
Sodium Citrate	Sodium Citrate/Spectrum Chemical	0.25
Sodium Chloride	Sodium Chloride/Spectrum Chemical	0.50
Phase III		
Lactobacillus Ferment Lysate Filtrate	AC Dermal Respiratory Factor Advanced PF/Active Concepts	1.00
Water & Cinnamomum Cassia Bark Extract & Phospholipids	AC Cinnamon Liposome/Active Concepts	1.00
Water & Lactobacillus Ferment Lysate & Camellia Sinensis Leaf Extract & Punica Granatum Extract & Caffeine	Revital-Eyes/Active Concepts	1.00
Cocos Nucifera (Coconut) Fruit Extract	AcquaSeal® Coconut/Active Concepts	1.00
Hydrolyzed Elastin	AC Marine Elastin PF/Active Concepts	1.00

Manufacturing Process:

1. Mix Phase I ingredients thoroughly
2. Mix Phase II ingredients, one at a time, into Phase I. Wait for each to dissolve before adding the next
3. Add Phase III ingredients, one at a time, into above batch. Mix thoroughly before adding the next



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Environmental Defense Lotion

Formulation Code: FNTA01-02

Ingredient	Trade Name/Vendor	%
Phase I		
Water	Water	42.40
Polysorbate 20	Liposorb® L-20/Vantage	1.00
Phase II		
Glycerin	Glycerin U.S.P. Natural 96%/Cognis Corp.	4.00
Xanthan Gum	Keltrol® CG/CP Kelco	0.20
Phase III		
C12-15 Alkyl Benzoate	Dermol 25B/Alzo International Inc.	23.15
Zinc Oxide (And) Ethylhexyl Methoxycrylene (And) C12-15 Alkyl Benzoate (And) Polyhydroxystearic Acid (And) Hydrogen Dimethicone	TNSS75MZCM/Kobo Products	9.80
Cetearyl Alcohol & Glyceryl Stearate & Coceth-20	Phytomulse® Coconut/Active Concepts	3.45
Cocos Nucifera (coconut) Fruit Extract	AcquaSeal® Coconut/Active Concepts	0.50
Phase IV		
Silica	MSS-500W/Kobo Products	3.00
Polyacrylamide (And) C13-14 Isoparaffin (And) Laureth-7	Sepigel™ 305/Seppic	1.00
Phase V		
Salvia Hispanica Seed Extract	Phytofuse Rejuvenate®/Active Concepts	2.00
Undaria Pinnatifida Cell Culture Extract	ACB Wakame Bioferment Advanced/Active Concepts	1.00
Hydrolyzed Wheat Protein	AC DermaPeptide Tightening PF/Active Concepts	2.00
Cryptocodium Cohnii Extract	AC CytoPure PF/Active Concepts	2.50
Water & Saccharomyces/Zinc Ferment & Saccharomyces/Copper Ferment & Saccharomyces/Magnesium Ferment & Saccharomyces/Iron Ferment & Saccharomyces/Silicon Ferment	ACB Bio-Chelate 5 PF/Active Concepts	2.00
Phase VI		
Lactobacillus Ferment & Lactobacillus & Cocos Nucifera (coconut) Fruit Extract	Leucidal® SF Complete/Active Micro Technologies	2.00

Manufacturing Process:

1. Combine Phase I into main beaker and heat to 70°C.
2. In a separate container, combine Phase II ingredients into a slurry.
Add Slowly to Phase I while mixing.
3. Add Phase III to main beaker under homogenization.
4. In a separate container, combine Phase IV ingredients and heat to 70°C.
5. Add Phase IV to main beaker while cooling to 45°C.
6. Once cooled, add Phase V and VI to main beaker.

Version#1/08.15.16

Conditioning Shave Cream Formulation Code: FNTA01-06

Ingredient	Trade Name/Vendor	%
Phase I		
Water	Water	65.00
Xanthan Gum	Keltrol®/CP Kelco	1.00
Water & Saccaromyces Lysate Extract	AC Dermal Respiratory Factor Advanced PF/Active Concepts	1.00
Phase II		
Cocos Nucifera (coconut) Fruit Extract	AcquaSeal® Coconut/Active Concepts	3.00
Cetyl Alcohol	Cetyl Alcohol/Kao	2.00
Stearic Acid	Emersol® 7036/Emery Oleochemical	4.00
Macadamia Intergrifolia Seed Oil & Hydrogenated Macadamia Seed Oil	ABS Macadamia Butter/Active Concepts	5.00
Sclerocarya Birrea Seed Oil	AC Marula Oil/Active Concepts	2.00
Prunus Amygdalus Dulcis (Sweet Almond) Oil	AC Almond Oil/Active Concepts	8.00
Phase III		
Cocamidopropyl Betaine	Amphosol® HCG-HP/Stepan	5.00
Phase IV		
Leuconostoc/Radish Root Ferment Filtrate & Lactobacillus & Cocos Nucifera (Coconut) Fruit Extract	Leucidal® Liquid Complete/Active Micro Technologies	4.00

Manufacturing Process:

1. Disperse xanthan gum in water with continuous agitation while heating to about 65-70°C.
2. Add AC Dermal Respiratory Factor Advanced PF, mix well.
3. Melt Phase II components in a separate glass beaker by heating them to about 65-70°C.
4. When melted, add Phase II to Phase I, and homogenize the mixture for 5 minutes at 65-70°C.
5. Remove from the heat and start cooling under continuous stirring to 50°C.
6. Once main reaches 50°C, add Phase III and homogenize the mixture.
7. After reaching room temperature, add Phase IV and slowly mix until uniform.

Anti-Frizz Treatment Formulation Code: FNHP02-04

Ingredient	Trade Name/Vendor	%
Phase I		
Water	Water/Local	79.25
Hydrolyzed Silk	AC Silk Hydrolysate PF/ Active Concepts	1.00
Disodium EDTA	Disodium EDTA/Spectrum Chemical	0.05
Acrylates/C10-30 Alkyl Acrylate Crosspolymer	Carbopol® Ultrez 21 Polymer/Lubrizol	0.25
Sodium Hydroxide (18%)	Sodium Hydroxide/Sigma-Aldrich	0.20
Phase II		
CocosNucifera(Coconut) Fruit Extract	AcquaSeal® Coconut/Active Concepts	5.00
PEG-33 and PEG-8 Dimethicone and PEG-14	SilSense® Copolyol-1 Silicone/Lubrizol	0.25
Glycerin	Glycerin/Dow Chemical	1.00
Hydrolyzed Kale Protein & Hydrolyzed Carrot Protein & Hydrolyzed Lemon Protein	ACB Kale Protein Blend/Active Concepts	1.00
Cetearyl Alcohol	Lanette® O/BASF	0.50
Phase III		
Glycerin & Water & Aloe Barbadensis Leaf Extract	ABS Aloe Extract G /Active Concepts	2.00
SelaginellaLepidophylla Extract	Phytofuse Renew®/Active Concepts	1.50
Leuconostoc/Radish Root Ferment Filtrate	Leucidal® Liquid SF/Active Micro Technologies	4.00
Lactobacillus & Cocos Nucifera (Coconut) Fruit Extract	AMTicide® Coconut /Active Micro Technologies	4.00

Manufacturing Process:

1. Dissolve disodium EDTA and AC Silk Hydrolysate PF in deionized water. Use heat as necessary.
2. Add Carbopol® Ultrez 21 Polymer. Mix thoroughly.
3. Add sodium hydroxide, adjusting to pH 5.5.
4. Maintain Phase I at a temperature of 70°C.
5. Blend ingredients of Phase II at 70°C. Mix thoroughly.
6. Add Phase II to Phase I with high speed agitation.
7. Once mixed, cool product to 40°C with mixing.
8. Add Phase III ingredients in the order listed individually to main beaker.