



Tomorrow's Vision... *Today!*

# AC Phytocoll PF Sample Formulations

**Code:** 16564  
**INCI Name:** Yeast Extract  
**CAS #:** 8013-01-2  
**EINECS #:** 232-387-9

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## Sample Finished Formulation Guidelines

**Soothing Aftershave**  
FNHP02-24- Soothing Aftershave

**Multivitamin Protective Moisturizer**  
FNHP02-17-Multivitamin Protective Moisturizer

Version#2/09.16.16

## Soothing Aftershave Formulation Code: FNHP02-24

Ingredient	Trade Name/Vendor	%
<b>Phase I</b>		
Water	Water/Local	<b>39.10</b>
Populus tremuloides (Aspen) Bark Extract	PhytoCide Aspen Bark Extract Powder/Active Micro Technologies	<b>2.00</b>
Sodium Phytate	Dermofeel PA-3/Dr. Straetmans	<b>0.20</b>
Salix Alba (Willow) Bark Extract	ABS White Willow Bark Extract Powder/ Active Concepts	<b>2.00</b>
Polysorbate 20	Polysorbate 20/ Rita Corp.	<b>3.00</b>
<b>Phase II</b>		
Glycerin	Glycerin/Spectrum Chemical	<b>7.00</b>
<b>Phase III</b>		
Cyclopentasiloxane (and) Polymethylsilsesquioxane	SilDerm® Emulsifying CS/ Active Concepts	<b>3.00</b>
Cetyl Ricinoleate	Protachem CER/ Protameen	<b>2.00</b>
Butylene Glycol Dicaprylate/ Dicaprate	Dermofeel BGC/ Dr. Straetmans	<b>3.00</b>
Cetearyl Alcohol	Cetearyl Alcohol/ Rita Corp.	<b>5.00</b>
Stearic Acid	Stearic Acid/Rita Corp.	<b>3.00</b>
<b>Phase IV</b>		
Lactobacillus/Rice Ferment Filtrate	ACB Rice Bioferment PF/Active Concepts	<b>10.00</b>
Imperata Cylindrica Root Extract & Water	ABS Imperata Cylindrica Extract PF/ Active Concepts	<b>3.00</b>
Butylene Glycol & Quercus Alba Bark Extract	ABS White Oak Bark Extract BG/ Active Concepts	<b>5.00</b>
Yeast Extract	AC Phytocoll PF/Active Concepts	<b>3.00</b>
Water & Zingiber Officinale (Ginger) Root Extract & Mentha Piperita (Peppermint) Leaf Extract	ABS Ginger Mint Cooling Extract PF/ Active Concepts	<b>4.00</b>
Sodium Hydroxide	Sodium Hydroxide/Spectrum Chemical	<b>1.60</b>
Leuconostoc/Radish Root Ferment Filtrate & Lactobacillus & Cocos Nucifera (Coconut) Fruit Extract	Leucidal® Liquid Complete/ Active Micro Technologies	<b>4.00</b>
<b>Phase V</b>		
Fragrance	Optional	<b>0.10</b>



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### Manufacturing Process:

- Phase I:** Charge water into main beaker and begin propeller mixing. A vortex should form. Charge Dermofeel PA-3. Sift in PhytoCide Aspen Bark Extract Powder. Sift in ABS White Willow Bark Extract Powder. Charge Polysorbate 20 and begin heating to 75°C.
- Phase II:** In a separate container, pre-blend ingredients and add to main.
- Phase III:** In a separate container, blend ingredients and heat to 80°C. Once temperatures have been reached, add Phase III to Phase I. Maintain temperature of 78°C and continue mixing for 15 minutes.
- Phase IV:** Begin force cooling. Add to main at 45°C.



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# Multivitamin Protective Moisturizer

## Formulation Code: FNHP02-17

Ingredient	Trade Name/Vendor	%
<b>Phase I</b>		
Water	Water	<b>54.75</b>
Aloe Barbadosis Leaf Extract	ABS Aloe Powder/Active Concepts	<b>0.50</b>
Panthenol	D,L Panthenol/Rita Corp.	<b>0.50</b>
Methyl Gluceth-20	Glucam™ E-20/Lubrizonol	<b>1.00</b>
Allantoin	Allantoin/Protameen	<b>0.50</b>
Carbomer	Carbopol® Ultrez 10/Lubrizonol	<b>0.50</b>
<b>Phase II</b>		
Stearic Acid	Stearic Acid/Rita Corp.	<b>2.00</b>
Simmondsia Chinensis (Jojoba) Seed Oil	Lipovol® J/Lipo Chemicals	<b>1.00</b>
Cyclopentasiloxane & Dimethicone/Bis-Vinylidimethicone/Silsesquioxane Crosspolymer & Silk	SilDerm® Softening/Active Concepts	<b>1.00</b>
Glycine Soja (Soybean) Oil	Lipovol® SOY/Lipo Chemicals	<b>1.00</b>
Elaeis Guineensis (Palm) Oil	Lipovol® PAL/Lipo Chemicals	<b>0.25</b>
Olea Europaea (Olive) Fruit Oil	AC Olive Oil Clear/Active Concepts	<b>0.50</b>
Glyceryl Stearate	Lipo® GMS 450/Lipo Chemicals	<b>2.00</b>
Stearyl Alcohol	Rita SA/Rita Corp.	<b>0.50</b>
Butylene Glycol Dicaprylate/Dicaprate	Dermofeel® BGC/Dr. Straetmans	<b>2.00</b>
Zea Mays Ferment Extract	SilDerm® Zea Extract/Active Concepts	<b>1.00</b>
Dimethicone	DC 200/50/Dow Corning	<b>1.00</b>
<b>Phase III</b>		
Water	Water	<b>2.00</b>
Triethylamine	TEA 99%/Rita Corp.	<b>0.20</b>
<b>Phase IV</b>		
Water & Phospholipids & Tocopheryl Acetate & Retinyl Palmitate & Ascorbyl Palmitate	AC Vitamin ACE Liposome PF/Active Concepts	<b>2.50</b>
Hydrolyzed Corn Protein & Hydrolyzed Wheat Protein & Hydrolyzed Soy Protein	AC Plant Keratin PF /Active Concepts	<b>1.00</b>
Hydrolyzed Wheat Protein	AC DermaPeptide Tightening PF /Active Concepts	<b>2.00</b>
Water & Prunus Amygdalus Dulci (Sweet Almond) Seed Extract	AC DermaPeptide Lifting® PF/Active Concepts	<b>2.00</b>
Hydrolyzed Quinoa	ACB Quinoa Protein/Active Concepts	<b>1.00</b>
Lactobacillus/Salix Alba Bark Ferment Filtrate	Prorevive Blemish Balm Complex/Active Concepts	<b>1.00</b>
Lactobacillus Bifidus Lysate Extract	ACB Phyto-Biotics Bifidus/Active Concepts	<b>5.00</b>
Selaginella Lepidophylla Extract	Phytofuse Renew®/Active Concepts	<b>1.00</b>
Lactobacillus/Cocoa Fruit Ferment Filtrate	ACB Cocoa Bioferment PF /Active Concepts	<b>5.00</b>
Leuconostoc/Radish Root Ferment Filtrate & Lactobacillus & Cocos Nucifera (Coconut) Fruit Extract	Leucidal® Liquid Complete/Active Micro Technologies	<b>4.00</b>
Yeast Extract	AC Phytocoll PF/Active Concepts	<b>3.00</b>
Sodium Hydroxide (25%)	Sodium Hydroxide/Active Concepts	<b>0.30</b>

Manufacturing Process:

- Phase I:** Charge water into main beaker and begin propeller mixing. A vortex should form. Sift in ABS Aloe Powder. Sift in D, L Panthenol. Charge Glucam™ E-20. Sift in Allantoin. Sift in Carbopol® Ultrez 10. Begin heating to 75°C.
- Phase II:** In a separate container mix ingredients and heat to 80°C. Once temperatures have been reached, add to Phase I. Continue mixing for 15 minutes.
- Phase III:** Begin force cooling. Pre-blend and add to main.
- Phase IV:** Add at 45°C.