



Tomorrow's Vision... *Today!*

ABS Willow Bark Extract Sample Formulations

Code: 10200
INCI Name: Salix Nigra (Willow) Bark Extract
CAS #: 84650-64-6
EINECS #: 283-522-3

Sample Finished Formulation Guidelines

Flakey Scalp Treatment
FNHB01-12-4 – Flakey Scalp Treatment

Shave Bump Minimizer + Antimicrobial Aftershave
FNFB02-41 – Shave Bump Minimizer + Antimicrobial Aftershave

Version#1/02-24-15/Form#87

Flakey Scalp Treatment

Formulation Code: FNHB02-12-4

Ingredient	Trade Name/Vendor	%
Phase I		
Water	Water	QS
Water & Algae Extract	AC Alg-Moist EAU/Active Concepts, LLC	8.00
Populus Tremuloides (Aspen) Bark Extract	Phytocide Aspen Bark Extract Powder/ Active Micro Technologies	2.00
Salix Nigra (Willow) Bark Extract	ABS Willow Bark Extract/ Active Concepts, LLC	2.00
Sodium Phytate	Dermofeel PA-3/Dr. Straetmans	0.20
Saccharomyces/Capsicum Annum Fruit Ferment Extract	AC DermaPeptide MicroC PF/ Active Concepts, LLC	15.00
Lactobacillus Bulgaricus Extract	ACB Yogurt Dermal Respiratory Factor/ Active Concepts, LLC	5.00
Butylene Glycol & Water & Spiraea Ulmaria Extract	AC Sebum Control Enzyme PBF/ Active Concepts, LLC	5.00
Water & Zingiber Officinale (Ginger) Root Extract & Mentha Piperita (Peppermint) Leaf Extract	ABS Ginger Mint Extract Cooling/ Active Concepts, LLC	2.00
Water & Saccharomyces/Zinc Ferment & Saccharomyces/Copper Ferment & Saccharomyces/Magnesium Ferment & Saccharomyces/Iron Ferment & Saccharomyces/Silicon Ferment	ACB Bio-Chelate 5 PF/ Active Concepts, LLC	3.00
Leuconostoc/Radish Root Ferment Filtrate	Leucidal Liquid/Active Micro Technologies	2.00
Sodium Hydroxide	NaOH 25% Solution	0.15

Manufacturing Process:

Phase I: In main beaker, charge water and begin propeller mixing. A vortex should form. Add each ingredient individually allowing complete dispersion between additions.



Tomorrow's Vision... Today!

Shave Bump Minimizer/ Antimicrobial Aftershave Formulation Code: FNFB02-41

Ingredient	Trade Name/Vendor	%
Phase I		
Water	Water	QS
Populus tremuloides (Aspen) Bark Extract	PhytoCide Aspen Bark Extract Powder/Active Micro Technologies	2.00
Sodium Phytate	Dermofeel PA-3/Dr. Straetmans	0.20
Salix Nigra (Willow) Bark Extract	ABS Willow Bark Extract/ Active Concepts, LLC	2.00
Polysorbate 20	Polysorbate 20/ Rita Corp.	3.00
Phase II		
Glycerin	Glycerin	7.00
Phase III		
Cyclopentasiloxane (and) Polymethylsilsesquioxane	SilDerm Emulsifying CS/ Active Concepts, LLC	3.00
Cetyl Ricinoleate	Protachem CER/ Protameen	2.00
Butylene Glycol Dicaprylate/ Dicaprate	Dermofeel BGC/ Dr. Straetmans	3.00
Cetearyl Alcohol	Cetearyl Alcohol/ Rita Corp.	5.00
Stearic Acid	Stearic Acid/Rita Corp.	3.00
Phase IV		
Water (and Saccharium Officinarium Extract	ABS Sugarcane Extract/ Active Concepts, LLC	10.00
Selaginella Lepidophylla Extract	PhytoPlex Renew/ Active Concepts, LLC	3.00
Butylene Glycol (and) Quercus Alba Bark Extract	ABS White Oak Bark Extract BG/ Active Concepts, LLC	5.00
Water (and) Zingiber Officinale (Ginger) Root Extract (and) Mentha Piperita (Peppermint) Leaf Extract	ABS Ginger Mint Cooling Extract CNC/ Active Concepts, LLC	4.00
Sodium Hydroxide	NaOH	1.60
Leuconostoc/Radish Root Ferment Filtrate	Leucidal Liquid/ Active Micro Technologies, LLC	2.00
Phase V		
Fragrance	Ginger Sandalwood Bark 310-041/ American Flavors and Fragrances	0.10

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. Charge ABS Willow Bark Extract and 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.