SilDerm® SQ
Sample Formulations

Code: 30311
INCI Name: Polymethylsilsesquioxane
CAS #: 68554-70-1
EINECS #: N/A

Sample Finished Formulation Guidelines

AC Firming Eye Gel
NCJC-15-005 – AC Firming Eye Gel

Version#2/05.31.18

Active Concepts
Tomorrow's Vision... *Today!*®

AC Firming Eye Gel
Formulation Code: NCJC-15-005

Ingredient	Trade Name/Vendor	%
Phase I		
Water	Water	**QS**
Aloe Barbadensis Leaf Extract	ABS Aloe Powder/Active Concepts, LLC	**0.10**
Carbomer	Ultrez 10/Noveon	**0.50**
Sodium Phytate	Dermofeel PA-3/Dr. Straetmans	**0.20**
Glycerin	Glycerin	**3.00**
Phase II		
Water (and) Glycerin (and) Sodium Acrylate	Zilgel VV/Presperse	**15.00**
Mannan	Koniac Mannan/Kinetik Technologies	**1.00**
Phase III		
Hydroxypropyltrimonium Hydrolyzed Silk	AC Quaternized Silk/Active Concepts, LLC	**0.50**
Lactobacillus/Theobroma Cacao (Cocoa) Fruit Ferment Filtrate	ACB Cocoa Bioferment/ Active Concepts, LLC	**1.00**
Water (and) Saccharomyces Lysate Extract	AC Dermal Respiratory Factor Advanced/ Active Concepts, LLC	**0.50**
Water & Lactobacillus Ferment Lysate Filtrate & Camellia Sinensis Leaf Extract & Punica Granatum Extract & Caffeine	Revital Eyes/Active Concepts, LLC	**5.00**
Lactobacillus/Ganoderma Lucidum (Reishi Mushroom Extract/Lentinus Edodes (Shitake Mushroom) Extract Ferment Filtrate	ACB Mushroom Extract SM/Active Concepts, LLC	**1.00**
Collagen Prepeptide	AC Collagen Prepeptide/Active Concepts, LLC	**0.50**
Phase IV		
Trietholamine	TEA 99%/Rita Corp	**0.50**
Phase V		
Leuconostoc/Radish Root Ferment Filtrate	Leucidal® Liquid/Active Micro Technologies	**1.00**
Polymethylsilsesquioxane	SilDerm SQ/Active Concepts, LLC	**1.00**

Manufacturing Process:

Phase I: Charge water into main beaker and begin propeller mixing. A vortex should form. Begin heating to 75°C. Sift in ABS Aloe Powder. Sift in Ultrez 10. Mix for 15 minutes. Charge remaining ingredients and continue mixing for 15 minutes.

Phase II: Remove heat and switch to sweep mixing. Charge ingredients at 50°C.
Phase III: Add each ingredient.
Phase IV: Add to main.
Phase V: Charge Nano-Emulsion Concentrate. Charge Leucidal® Liquid. Slowly sift in SilDerm SQ. May homogenize if necessary.

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