



Tomorrow's Vision... Today!

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

Version1/08-01-14/Form#87

AC Firming Eye Gel

Formulation Code: NCJC-15-005

Ingredient	Trade Name/Vendor	%
Phase I		
Water	Water	QS
Aloe Barbadosensis 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		
Triethanolamine	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.