

# SilDerm<sup>®</sup> Smoothing Formulation Guidelines

**Code:** 30301  
**INCI Name:** Cyclomethicone & Dimethicone  
**CAS #:** 69430-24-6 & 9006-65-9  
**EINECS #:** N/A & N/A

---

## Sample Finished Formulation Guidelines

**SilDerm<sup>®</sup> Smoothing Face Prep**  
NCCT-11-014 – SilDerm<sup>®</sup> Smoothing Face Prep



Tomorrow's Vision... Today!

# SilDerm<sup>®</sup> Smoothing Face Prep

## Formulation Code: NCCT-11-014

Ingredient	Trade Name/Vendor	%
<b>Phase I</b>		
Water	Water	<b>QS</b>
Aloe Barbadosis Leaf Extract	ABS Aloe Powder/Active Concepts, LLC	<b>0.10</b>
Carbomer	Ultrez 10/Noveon	<b>0.50</b>
Sodium Phytate	Dermofeel PA-3/Dr. Straetmans	<b>0.20</b>
Glycerin	Glycerin	<b>3.00</b>
<b>Phase II</b>		
Water (and) Glycerin (and) Sodium Acrylate	Zilgel VV/Presperse	<b>15.00</b>
Mannan	Konjac Mannan/Kinetik Technologies	<b>1.00</b>
Cyclomethicone & Dimethicone	SilDerm Smoothing/Active Concepts, LLC	<b>1.00</b>
<b>Phase III</b>		
Hydroxypropyltrimonium Hydrolyzed Silk	AC Quaternized Silk/Active Concepts, LLC	<b>0.50</b>
Water (and) Butylene Glycol (and) Foeniculum Vulgare (Fennel) Fruit Extract	ABS Fennel Extract/Active Concepts, LLC	<b>1.00</b>
Wheat Amino Acids	AC Wheat Amino Acids/Active Concepts, LLC	<b>0.50</b>
Lactobacillus/Theobroma Cacao (Cocoa) Fruit Ferment Filtrate	ACB Cocoa Bioferment/Active Concepts, LLC	<b>1.00</b>
Water (and) Saccharomyces Lysate Extract	AC Dermal Respiratory Factor/Active Concepts, LLC	<b>0.50</b>
Lactobacillus/Eriodictyon Californicum Ferment Extract	ACB Yerba Santa Glycoprotein/Active Concepts, LLC	<b>1.00</b>
Lactobacillus/Ganoderma Lucidum (Reishi Mushroom) Extract/Lentinus Edodes (Shitake Mushroom) Extract Ferment Filtrate	ACB Mushroom Extract SM/Active Concepts, LLC	<b>1.00</b>
Collagen Prepeptide	AC Collagen Prepeptide/Active Concepts, LLC	<b>0.50</b>
<b>Phase IV</b>		
Triethanolamine	TEA 99%/Rita Corp.	<b>0.50</b>
<b>Phase V</b>		
Trimethylolpropane Tricaprylate/Tricaprate (and) Glycerin (and) Cetearyl Alcohol (and) Ceteareth 20 (and) Glyceryl Stearate (and) PEG 100 Stearate (and) Steareth 2 (and) Dimethicone (and) Ceteth 24 (and) Choleth 24 (and) Phospholipids (and) Propylene Glycol (and) Disodium EDTA	Nano-Emulsion Concentrate/Active Concepts, LLC	<b>10.00</b>
Populus Tremuloides Bark Extract	PhytoCide Aspen Bark Extract Powder/ Active Micro Technologies, LLC	<b>2.50</b>

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 Phenonip. Slowly sift in SilDerm SQ. May homogenize if necessary.