

# Combined Coverage Sunscreen Cream Featuring Mineral & Organic UV Filters

**Siltech**  
[www.siltech.com](http://www.siltech.com)

## INGREDIENTS

### Phase A

D.I. Water	49.50
Zemea propanediol (Dupont)	5.00
Sodium chloride	1.00

### Phase B

Silube PCH (Siltech) (Polyglyceryl-4 isostearate (and) cetyl PEG/PPG-10/1 dimethicone (and) hexyl laurate)	6.00
Silwax A08-UP (Siltech) (Caprylyl methicone)	4.00
Siltech CE-2000 (Siltech) (Tricyldodecyl citrate)	8.00
Tinasorb M (BASF) (Methylene bis-benzotriazolyl tetramethylbutylpheno (nano))	1.00
Paracera W80 (Paramelt) (Crystalline wax)	1.50
Escalol 517 (Ashland) (Butyl methoxydibenzoylmethane)	1.00
DIM 2F650T4 (Kobo) (TiO <sub>2</sub> , dimethicone, polyglyceryl-3, polydimethylsiloxyethyl dimethicone, alumina, hydrogen dimethicone)	12.00



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ZinClear XP 65 Coco (Antaria) (Zinc oxide, coco-caprylate/caprate, polyglyceryl-3, polyricinoleate, isoteric acid)	10.00
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### Phase C

Zeastat (Inolex) (Caprylhydroxamic acid (and) propanediol)	1.00
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**PROCEDURE:** Combine Phase A and mix well. Heat up to 80°C. Combine all ingredients in Phase B, mix well and then heat up to 85°C. Continue mixing for a minimum of 10 minutes. Add Phase A into Phase B slowly under moderate mixing rate. After addition, high shear at 3,000 rpm for 2 minutes. Cool batch down to room temperature and keep mixing. Add Phase C while mixing.

## MOUSSE EYESHADOW - PEACH

### CHT

[Consumer-care@cht.com](mailto:Consumer-care@cht.com)

## INGREDIENTS

### Phase A

CHT-BeauSil Wax 040 (CHT) (Caprylyl methicone)	20.00
CHT-BeauSil Wax 060 (CHT) (C20-24 Alkyl dimethicone)	14.00
CHT-BeauSil Wax 070 (CHT) (Cetyl dimethicone)	3.00
CHT-BeauSil Wax 018 (CHT) (Stearyl methicone)	4.00
Beeswax (Cera alba)	2.00
Purolan IDD (Lanxess) (Isododecane)	10.00

### Phase B

Thixcin R PC (Elementis) (Trihydroxystearin)	5.00
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### Phase C

Talc (Merck) (Talc)	2.00
Dowsil 593 (Dow Corning) (Dimethicone (and) trimethylsiloxy silicate)	2.00
Mica LL (Olionatura) (Lauroyl lysine)	9.00
Mirage Silver (Eckart) (Calcium sodium borosilicate (and) titanium dioxide (and) tin oxide)	9.00
Tan opal (Olionatura) (Mica, iron oxides C.I. 77491, titanium dioxide)	15.00

### Phase D

Belsil SPR 45 VP Ethanol (Wacker) (Polyphenylsilsesquioxane)	2.50
Ethanol	2.50

**PROCEDURE:** Prepare a premix of Phase A and heat up to 65°C. Add Phase B to Phase A. Homogenize Phase AB with high shear while holding temperature at 65°C. Add ingredients of Phase C to Phase AB with medium shear. Allow to cool down. Mix the ingredients of Phase D until they are dissolved, then add Phase D to Phase ABC. The final texture will be reached after ~24 hours. **PROPERTIES:** Appearance: Colored Glitter Mousse. Stability: 3 times Freeze/thaw test, 4 weeks RT/45°C.

## SATIN SKIN NO-RINSE SHAVE STICK

### Essential Ingredients

[www.essentialingredients.com](http://www.essentialingredients.com)

770-831-9010

INGREDIENTS	WT%
Water	60.00
Propanediol (Covation Biosciences) (Zemea propanediol)	5.00
Hostapon SCI 85 C (Clariant) (Sodium cocoyl isethionate)	24.35
Stearic Acid (Stearic acid-triple pressed) (Essential Ingredients)	4.00
Genecare OSMS BA (International Flavors and Fragrance, Inc.) (Betaine)	3.00
Genecare OSMS Mi (International Flavors and Fragrance, Inc.) (Inositol)	1.00
Frescolate (Medallion) (Menthyl lactate)	0.50
NaOH (25% solution)	0.85
Phenoxetol (Clariant) (Phenoxyethanol)	0.80
Himalayan Salt Concept (Arylesence) (Fragrance)	0.50

**PROCEDURE:** Combine water, Zemea and Hostapon SCI 85°C in the kettle and begin to heat to ~80°C. Add remaining components one at a time, mixing until uniform after each addition. Once the entire formulation is uniform, pour into mold while hot and let cool completely in the finished component.

**PROPERTIES:** Appearance: Solid white stick.

## GO AND GLOW SUNSCREEN

Coast Southwest, Inc.

1-800-621-0500

[info@coastsouthwest.com](mailto:info@coastsouthwest.com)

[www.coastsouthwest.com](http://www.coastsouthwest.com)

INGREDIENTS	WT%
<b>Phase A</b>	
Water	30.45
Dissolvine NA2-S (Disodium EDTA)	0.10

3V Allantoin (Coast Southwest Inc., 3V Sigma USA) 0.05  
(Allantoin)

Endicare SC-530 (Coast Southwest) (Polyethyloxazoline) 1.00

### Phase B

Endimate 163 (Coast Southwest) (Ethylhexyl stearate (and) ethylhexyl palmitate (and) diethylhexyl adipate) 8.00

JD Jojoba Butter (Coast Southwest Inc., Jojoba Desert (A.C.S) Ltd) (Simmondsia chinensis (Jojoba) seed oil (and) cera alba (and) hydrogenated vegetable oil) 0.50

### Phase C

Olivatis 21 (Coast Southwest Inc., Medolla Specialty Chemicals) (Olive oil PEG-6 esters (and) olive oil polyglyceryl-6 esters) 4.00

Olivatis 18 (Coast Southwest Inc., Medolla Specialty Chemicals) (Olive oil Polyglyceryl-6 esters (and) sodium stearoyl lactylate (and) cetearyl alcohol) 7.00

Glyceryl Tribehenate 0.35

### Phase D

Dispersion 108321 (Coast Southwest Inc., Dynamic Cosmetics, Inc.) 8.50

Boron Nitride FF (Boron nitride) 0.30

### Phase E

Dispersion 120128 (Coast Southwest Inc., Dynamic Cosmetics, Inc.) 35.00

### Phase F

Lumiglow (Coast Southwest Inc., Novachem S.R.L.) 2.00  
(Water (and) glycerin (and) Aristotelia chilensis fruit extract)

Bluescreen (Coast Southwest Inc., Novachem S.R.L.) 2.00  
(Water (and) glycerin (and) alcohol (and) sodium PCA (and) Plantago lanceolata leaf extract (and) Fabiana imbricata leaf/stem extract (and) Verbascum thapsus extract (and) Achyrocline satureioides flower extract)

### Phase G

Sharomix EG14 (Coast Southwest Inc., Sharon-Laboratories Ltd.) (Ethylhexylglycerin (and) phenoxyethanol) 0.75

**PROCEDURE:** Phase A - In main vessel, weigh out Phase A, mix and heat to 65°C to 70°C. Phases B/C - In side vessel, add Phase B followed by Phase C and heat to 65°C to 70°C with mixing. Phase D - Once Phase B/C reaches temperature, add Phase D. Mix until uniform. When Phases A and D are at temperature, add Phase D to Phase A with moderate shear mixing. Discontinue heat when the solution is uniform. Allow the batch to cool to 50°C. Phase E - Add Phase E. Mix until dispersed completely. Allow the batch to cool to 40°C to 45°C. Phase F - Add Phase F. Mix until uniform. Phase G - Add Phase G and cool batch to

## FORMULARY

25°C to 30°C to transfer. **PROPERTIES:** pH: 6 to 7; viscosity: #4 @ 30 rpm (25°C) - 2,000 to 5,000 cst.

### COLD PROCESS MOISTURE CONDITIONER

#### Barentz

[www.barentz-na.com](http://www.barentz-na.com)

#### INGREDIENTS

##### Phase A

	WT%
Water	79.3
NuSolutions EZ Guar 14 (Guar hydroxypropyltrimonium chloride (and) water)	7.5
Oxismooth CO (Isoamyl cocoate)	2.0
Glystar A31 (Sorbitol and glycerin)	3.0
Mirasil C-DMB (Cyclopentasiloxane and dimethicone)	2.0
Argan Oil (Argania spinosa kernel oil)	0.5
Lincoserve HpH-6 (Phenoxyethanol, caprylyl glycol, ethylhexylglycerin)	1.0
Kaduka Plum	0.2
Flocare ET 1737 GPG (Polyquaternium-37 (and) propylene glycol, dicaprylate/dicaprate (and) PPG-1 trideceth-6)	4.5

**PROCEDURE:** Add room temperature water to the main vessel and begin moderate agitation. Add NuSolutions EZ Guar 14 and mix until uniform. Individually add Oxismooth CO, Glystar A31, Mirasil C-DMB, argan oil, Lincoserve HpH-6 and fragrance slowly and mix continuously. Add Flocare ET 1737 GPG and let mix until a white lotion has formed and is homogenous. **PROPERTIES:** Appearance: White viscous lotion. Viscosity: 30,000-40,000 cps. pH: 4.25-5.25.

### NATURAL DEODORANT WITH BEESWAX

#### Koster Keunen

860-945-3333

[www.kosterkeunen.com](http://www.kosterkeunen.com)

#### INGREDIENTS

##### Phase A

	WT%
Beeswax (Koster Keunen)	18.0
AR Cocoa Butter (Koster Keunen) (Theobroma cacao (cocoa) butter)	12.5
Kester Wax K-24 (Koster Keunen) (Lauryl laurate)	6.0
Extra Virgin Coconut Oil (Lincoln Fine Ingredients)	24.5
Sodium bicarbonate	12.0
Tapioca Natural (Agrana Starch) (Tapioca starch)	20.0
Agenaflo 9050 (Agrana Starch) (Corn starch modified)	5.0



Rosemary Oil (Taos) (Rosmarinus officinalis oil)	0.5
Floviva Lavandin Oil (Taos) (Lavandula hybrida oil)	0.5
Vitamin E Acetate (BASF) (Tocopheryl acetate)	1.0

**PROCEDURE:** Combine all ingredients except for the fragrance. Melt at 80-85°C and mix until uniform. Add the fragrance and mix quickly until uniform. Pour into containers at approximately 80°C and cool. Stability: Three months at 45°C, three months at room temperature, three freeze/thaw cycles.

### JARCHEM

#### Clear Sunscreen Stick

[www.jarchem.com](http://www.jarchem.com)

[info@jarchem.com](mailto:info@jarchem.com)

973-344-0600

#### INGREDIENTS

##### Phase A

	WT%
Vegecare TXT (Jarchem) (Glyceryl isostearate (and) caprylic/capric glycerides (and) octyldodecanol)	70.00
Sodium stearate	10.00
Avobenzene (Butyl methoxydibenzoylmethane)	4.00
Homosalate	4.50
Octocrylene	10.00
Naturechem CR (Vertellus) (Cetyl ricinoleate)	1.00

##### Phase B

Oil. Banana Coconut II AN WS (Lebermuth)	0.50
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**PROCEDURE:** Premix A with heat until melted and uniform. Remove batch from heat. Add B to A. Pour batch into molds while hot and allow to cool to RT. **PROPERTIES:** Color: Clear yellow. Appearance: Solid stick. Theoretical SPF: 20. ■