

Shielding Velour Sunscreen Developed by Siltech

Siltech

416-424-4567

www.siltech.com

INGREDIENTS

Phase A

D.I. Water	30.00
Glycerin	5.00
Sodium chloride	1.00

Phase B1

Silube PCH (Siltech) (Polyglyceryl-4, Isostearate, Cetyl PEG/PPG-10/1 Dimethicone, Hexyl Laurate)	6.50
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Silwax D02 (Siltech) (Ethyl Methicone)	1.00
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Silmer Q25 (Siltech) (Trimethylsiloxysilicate)	3.00
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Silwax J1032 (Siltech) (C32 Alkyl Dimethicone)	2.00
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Silmer G-162-F5 (Siltech) (Dimethicone, Dimethicone/Vinyl Dimethicone Crosspolymer)	4.00
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Magnesium Stearate	1.00
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Siltech AP7-061 EXP (Siltech) (Triethoxyoctylsilane)	5.00
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Phase B2

Siltech CE-2000 (Siltech) (Trioctyldodecyl Citrate)	5.00
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Tinasorb S (BASF) (Bis-ethylehexyloxyphenol)	5.00
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Methoxyphenyl Triazine)	
Neo Heliopan 357 (Symrise)	3.00

(Butyl Methoxydibenzoylmethane)	
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Neo Heliopan AV (Symrise) (Trioctyldodecyl Citrate)	7.50
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ZinClear IM 50CCT (Antaria)	13.50
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(Zinc Oxide (and) Coco-Caprylate/Caprate (and) Polyglyceryl-3 Polyricinoleate (and) Isostearic Acid)	
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Phase C

DIM2F650T4 (Kobo) (TiO ₂ , Dimethicone,	7.50
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Polyglyceryl-3, Polydimethylsiloxyethyl Dimethicone, Amunia, Hydrogen Dimethicone)	
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Phase D

Symocide (Symrise)	q.s.
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(Phenoxyethanol, Decylene Glycol, 1,2-Hexanediol)	
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PROCEDURE: Combine liquids in Phase B1 and disperse Magnesium Stearate until homogenous. Add elastomer, mix well, then heat to 85°C. Combine Phase B2 (except ZnO); heat up to 85°C slowly under moderate mixing rate. Homogenize batch until it is uniform and then cool to room temperature. Combine ingredients in Phase A, mix well. Add Phase A to Phase B slowly under moderate mixing. Add Phase C and Phase D, one by one, under moderate mixing rate.



Consumers want sunscreens with good skin feel.

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STRESS RELIEF CREAM FEATURING NIACINAMIDE AND SKINBRITE-30

McKinley Resources, Inc.

970-578-9898

www.JELLEinnovations.com

INGREDIENTS

Phase A

Water	q.s. to 100.00
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Macamin NC (McKinley) (Niacinamide)	4.0
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Sodium Phytate	0.2
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Phase B

OleaClear Olive Squalane (Tri-K)	9.6
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Lanette (BASF) (Cetyl alcohol)	0.85
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Phase C

Biophilic H (Lucas Meyer Cosmetics)	4.0
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(Hydrogenated Lecithin (and) C12-16 Alcohols (and) Palmitic Acid)	
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Phase D

Lecigel (Lucas Meyer Cosmetics) (Sodium Acrylates Copolymer (and) Lecithin)	0.75
Siligel (Lucas Meyer Cosmetics) (Xanthan Gum (and) Lecithin (and) Sclerotium Gum (and) Pullulan)	0.6

Phase E

SkinBrite-30 (McKinley) (PotassiumAzeloyl Diglycinate)	3.0
Actiphyte Green Tea (Lipotec) (Glycerin (and) Camellia Sinensis Leaf Extract (and) Water)	2.0
Alpha Bisabolol Natural (Tri-K)	0.2
Tristate ECO (Tri-K) (Benzyl Alcohol (and) Glyceryl Caprylate (and) Glyceryl Undecylenate)	1.0

Phase F

pH adjuster	q.s.
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PROCEDURE: Prepare Phase A. Heat Phases A and B to 75-80°C. Add C to A under medium stirring for 20 minutes. Add B into AC and homogenize to emulsify. Add Phase E below 40°C. Adjust pH to 5.5. **PROPERTIES:** Appearance: white cream. Viscosity: 15,600 cP on T/C @5RPM.

OVERNIGHT GLOW SLUGGING OINTMENT**Essential Ingredients**

770-831-9010

www.essentialingredients.com**INGREDIENTS****Phase A**

	WT%
Castorlatum (Vertellus) (Ricinus communis (castor) seed oil (and) Hydrogenated castor oil)	84.60
Bentone Plus CBD (Elementis) (Helianthus annuus (sunflower) seed oil (and) Distearidimonium hectorite (and) cannabidiol (and) Propylene carbonate)	5.00
Floraesters 30 (Floritech) (Jojoba esters, tocopherol)	5.00
Fancor Abyssinian Oil (Elementis) (Crambe abyssinica seed oil)	1.00
AlgaPur HSHO Algae Oil (Lubrizol) (Triolein)	2.00
Actiphyte Chamomile Lipo S (Lipotec) (Carthamus tinctorius (safflower) seed oil (and) Chamomilla recutita (Matricaria) flower extract)	1.00
Actiphyte Cucumber Lipo S (Lipotec) (Carthamus tinctorius (safflower) seed oil (and) Cucumis sativus (cucumber) fruit extract)	1.00
Ylang Ylang Oil Natural (Bontoux) (Cananga odorata macrophylla flower oil)	0.40



This overnight formulation for skin contains CBD.

PROCEDURE: Add all the ingredients to the main vessel. Heat and mix until uniform. Fill into final components when hot and liquid and allow to step up. **PROPERTIES:** Appearance: Opaque yellow-brown soft solid. pH: n/a.

REPAIR MOISTURIZING GEL**Sino Lion**www.sinolion.com

973-887-8886

INGREDIENTS**Phase A**

	WT%
Water	77.0298
Glycerin	3.00
1, 3-Propanediol	5.00
Evermild PGA (Polyglutamic Acid)	0.01
Acrylates/C10-30 Alkyl Acrylate Crosspolymer	0.33
Erythritol	0.50
Potassium Hydroxide (10%)	1.23
Everguard HP (Hydroxyacetophenone)	0.70
1,2-Hexanediol	0.60

Phase B

Bis-PEG-18 Methyl Ether Dimethyl silane	0.80
Silica	0.30
Alcohol	4.50
EverExtract PO (Butylene Glycol, Portulaca Oleracea Extract)	1.00
Bioyoung BFL (Bifida Ferment Lysate, Sodium Benzoate, Phenoxyethanol)	5.00
CI 42090	0.0002

PROCEDURE: Mix Phase A uniformly at 80°C; cool down to 40°C. Add Phase B into Phase A while stirring until uniform. **PROPERTIES:** Appearance: light blue gel. Viscosity: Brookfield RVT, spindle #4, 20rpm, 4,000-6,000 mPa.s. pH: 25°C: : 6.0+/-0.5.

**ALL-PURPOSE ODOR NEUTRALIZER
WITH EVOGEN ON 50X**Croda • www.crodahomecare.com

INGREDIENTS	WT%
<i>Phase A</i>	
Water	97.0
NatraSense AG-810	1.0
Evogen ON 50x	2.0
Preservative	q.s.

PROCEDURE: Combine all ingredients in order listed and mix until homogenous. **PROPERTIES:** Appearance: Hazy liquid. pH: ~7.

MELT AWAY MAKEUP CLEANSING BALM

Jarchem Innovative Ingredients
973-344-0600
www.jarchem.com

INGREDIENTS	WT%
<i>Phase A</i>	
Jarplex M20 (Jarchem) (Decyl Glucoside (and) Glyceryl Oleate (and) Isopropyl Sheabutterate (and) Dodecane (and) Hexadecane)	25.00
Actique Shikon (Jarchem) (Caprylic/Capric Triglyceride (and) Lithospermum Erythrorhizon Root Extract	2.00
<i>Phase B</i>	
Jarcane 14 (Jarchem) (Tetradecane)	15.00
Jarxotic AC15 (Jarchem) (Euterpe Oleracea Fruit Oil)	6.00
Vegecare CC (Jarchem) (Dicaprylyl Carbonate)	15.00
Jarchem MCT-M5 (Jarchem) (Caprylic/Capric Triglyceride)	10.00
Jarether D8 (Jarchem) (Dicapryl Ether)	13.00
Ceraphor P5615 (Jarchem) (Paraffin Wax)	7.00
Arlacel 165 (Croda) (Glyceryl Stearate (and) PEG-100 Stearate)	5.00
<i>Phase C</i>	
Tocopherol (BASF)	1.00
Apricot and Peach (Lebermuth) (Fragrance)	0.35
Cranberry II (Lebermuth) (Fragrance)	0.65

PROCEDURE: Premix A in main vessel, and heat to 75°C. Premix B with heat until melted and uniform. At temperature, add B to A with medium speed mixing and remove from heat at $\leq 45^{\circ}\text{C}$, premix C and add to A/B. Fill components while hot.

VANISHING SKIN TINT W/SPF 35

Ingredion Beauty & Home
708-563-6518
www.ingredion.com

INGREDIENTS	WT%
<i>Phase A</i>	
Deionized Water	48.84
Disodium EDTA	0.10
<i>Phase B</i>	
Glystar A-31 (Sorbitol and Glycerin)	5.30
Farmal Xanthan 2312 TC (Xanthan Gum)	0.60
<i>Phase C</i>	
Sucrose stearate	1.00
Caprylic/Capric Triglycerides	5.00
Sepigel 305 (Polyacrylamide & C13-14 Isoparaffin, Laureth-7)	3.00
G-Block DT 200 CCT (Titanium dioxide, Caprylic/capric triglyceride, Isotearic acid, Alumina, Polyhydroxystearic acid, Stearic acid, Polyglyceryl-3 polyricinoleate, Lecithin)	14.00
G-Block DZ 370 CCT (Zinc oxide, Caprylic/capric triglyceride, Polyhydroxystearic acid, Polyglyceryl-3 polyricinoleate, Isostearic acid, Lecithin)	18.00
Unipure Yellow LC181 (Iron oxide – C117492)	1.00
Unipure Red LC381 (Iron oxide – C177491)	0.14
Unipure Black LC989 (Iron oxide – C177499)	0.02
Geogard Ultra Non-GMO (Gluconolactone, Sodium benzoate)	1.00
Farmal AF 1100 (Calcium starch octenylsuccinate)	2.00

PROCEDURE: Prepare phase A in the main tank. Pre-mix phase B, add to tank while mixing then heat to 60-65°C. Add phase C ingredients individually, and mix until uniform before adding the next ingredient. Use homogenizer at high speed to disperse ingredients. **PROPERTIES:** Appearance: Beige spreadable cream. pH: 6.0-7.5. Viscosity: 220,000-520,000 cP.

FUN WITH CLEANSING

Barentz
www.barentz-na.com

INGREDIENTS	WT%
<i>Phase A</i>	
Water	39.36
Linqest EDTA 100 (Disodium EDTA)	0.1
Glycerin 99% USP	2.00
MarGel SF 1 (Acrylates copolymer)	6.00

ColaTeric L-32 (Sodium lauroamphoacetate)	14.29
Elotant SCA (Sodium cocoyl alaninate)	15.00
Elotant Milcoside 303 (Decyl glucoside)	4.00
ColaTeric CBS-HP (Cocamidopropyl hydroxysultaine)	8.35
Ultra AMP-95 (ANGUS) (Aminomethyl propanol)	0.1
Lincoserve HPH-6 (Phenoxyethanol, Caprylyl glycol, Ethylhexylglycerin)	1.00
Citric Acid 50%	0.6
NuSolutions EZ Guar 14 (Guar Hydroxypropyltrimonium Chloride, Citric Acid)	1.00
SugaDET EcoPearl (Glycol Distearate (and)Sodium Hydroxypropylphosphate Decylglucoside Crosspolymer (and) Cocamidopropyl Hydroxysultaine (and) Sodium Stearoyl Lactylate)	5.00
SalColor FX White to Black (Metal Oxides and Dioxides (colors), Mica, Sucrose, Ethyl Cellulose, Hydroxypropyl Methyl cellulose)	3.00
Fragrance Premix Linsorb 20 (Polysorbate 20)	0.1
Kaduka Plum	0.1

PROCEDURE: Add water to beaker (25-30°C preferable) and start mixer with gentle agitation. Add Linquest EDTA 100 and glycerin, mix until uniform. Slowly add MarGel SF-1 to main vessel under gentle mixing. Mix until homogenous. Slowly add ColaTeric L-32 to main vessel under gentle mixing (as to not allow foaming). Mix until homogenous. Slowly add Elotant SCA to main vessel under gentle mixing (as to not allow foaming). Mix until homogenous. Slowly add Milcoside 303 and ColaTeric CBS-HP to main vessel under gentle mixing (as to not allow foaming). Mix until homogenous. Add Ultra AMP-95 to main vessel and mix until homogenous (batch will thicken).

Add Lincoserve HPH-6 and Citric acid solution to main vessel and mix until homogenous. Add NuSolutions EZ Guar 14 and SugaDET EcoPearl to batch and mix until homogenous. Slowly add Salcolor FX White to Black to batch under gentle mixing and mix until homog-

enous. Fragrance Pre-Mix: In a side vessel, add Linsorb 20 and fragrance and stir gently. Add Fragrance Pre-Mix to main vessel and mix until homogenous. Appearance: Off-white with suspended beads. Odor: Kaduka plum. Viscosity: 15,000-20,000 cps. pH: 6.8-7.2. ■

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