

Replenish Overnight Lip Mask By Essential Ingredients

Essential Ingredients

www.essentialingredients.com

770-831-9010

INGREDIENTS

Phase A

	WT%
Castorlatum (Vertellus) (Ricinus communis (Castor) seed oil (and) hydrogenated castor oil)	72.70
Meristant 101L (Essential Ingredients) (Methyl dihydroabietate)	4.00
Floralipids Moringa Butter (Floritech) (Moringa Oil/ Hydrogenated Moringa Oil Esters (and) Tocopherol)	2.00
Fancor Meadowfoam Seed Oil (Elementis) (Limnanthes Alba (Meadowfoam) Seed Oil)	1.00
Fancor Abyssinian Oil (Elementis) (Crambe Abyssinica Seed Oil)	1.00
Floraesters 15 (Foratech) (Jojoba esters, tocopherol)	5.00
Vitamin E Acetate (Essential Ingredients)	1.00
Ei Deodorized Cocoa Butter (Essential Ingredients) (Theobroma cacao (cocoa) seed butter)	13.00
Grapefruit Oil Certified Organic (Bontoux) (Citrus grandis peel oil)	0.30
JOH55RJE (Kobo Products) (Iron oxides (and) Simmondsia chinensis (jojoba) seed oil (and) Jojoba esters (and) Polyglyceryl-6 polyricinoleate (and) Silica)	Q.S.

PROCEDURE: Combine ingredients in an appropriate vessel and heat to ~80°C with mixing until combined. Add the color in small increments to achieve desired shade. Pour into finished components and allow to cool and setup. **PROPERTIES:** Appearance: Soft solid/balm texture with a red to blush color.

Product formulas are supplied by producers of raw materials. Included in some instances are sources of supply for the raw materials and instructions for preparation and use of the finished product. No guarantee of performance or safety is implied by Happi. For more complete details, readers should contact the suppliers directly using the telephone number or website provided with each formula. If your company has a formula that you think would be of interest to readers of Happi, marketers of soaps and detergents; cosmetics and toiletries; fragrances; waxes and polishes; disinfectants and sanitizers and other chemical specialties, we will be pleased to consider it for publication. Address all material to: Formulary Editor, Happi, 25 Philips Parkway, Montvale, NJ 07645 USA; tbranna@rodmanmedia.com

ULTRA-HYDRATING HAND AND BODY LOTION

Coast Southwest, Inc.

800-621-0500

info@coastsouthwest.com

www.coastsouthwest.com

INGREDIENTS

Phase A

	WT%
Water	61.35
Endiquest GLDA (Coast Southwest) (Tetrasodium glutamate diacetate)	0.20
Glycerin (99.7% USP)	5.00
Hydraskin (Coast Southwest, Novachem. S. R. L.) (Saccharomyces lysate filtrate)	5.00

Phase B

Endimate 33V (Coast Southwest) (Caprylic/capric triglyceride)	6.00
Avocado Oil (Coast Southwest) (Persea gratissima (avocado) oil)	3.00
C'Ester DOA (Diethylhexyl adipate)	3.00
Olivatis 21 (Coast Southwest, Medolla Iberia S.L.) (Olive oil PEG-6 esters (and) olive oil polyglyceryl-6 esters)	2.00

Phase C

Olivatis 18 (Coast Southwest, Medolla Iberia S.L.) (Olive oil polyglyceryl-6 esters (and) sodium stearoyl lactylate (and) cetearyl alcohol)	6.00
JD Jojoba Butter (Coast Southwest, Jojoba Desert (A.C.S.) Ltd.) (Simmondsia chinensis (jojoba) seed oil (and) sodium stearoyl lactylate (and) cetearyl alcohol)	3.50
Glyceryl Stearate SE (Coast Southwest) (Glyceryl stearate)	1.00
Behenyl Behenate (Coast Southwest) (Behenyl behenate)	0.45
Glossamer L6600 (Coast Southwest) (Brassica campestris/aleurites fordi oil copolymer)	0.50

Phase D

Olivatis 15C (Coast Southwest, Medolla Iberia S.L.) (Olive oil PEG-8 esters)	2.00
Fragrance	0.50

Phase E

Sharomix 706 Plus (Coast Southwest, Sharon-Laboratories Ltd.) (Dehydroacetic acid (and) benzoic acid (and) tocopherol (and) benzyl alcohol)	0.50
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PROCEDURE: Phase A – Weigh out Phase A materials into

main vessel. Heat to 70°C with mixing. Phase B – In a separate vessel weigh out Phase B ingredients and heat to 40-45°C with mixing. Phase C – Once Phase B vessel reaches temperature, begin adding Phase C ingredients. Continue heating Phase BC to 70°C and mix until the solution is uniform. When Phase BC reaches temperature, add Phase BC to Phase A with moderate mixing until an opaque liquid solution is formed. Discontinue heat. Allow mixture to begin cooling. Continue mixing at moderate speed to ensure phases combine well. Phases D and E – At 40°C to 45°C, add Phases D and E. Continue mixing until mixture cools to 25°C to 30°C. Transfer to a suitable vessel. **PROPERTIES:** pH: 6 to 7. Viscosity: spindle #4@ 30 rpm (25°C) – 5,000 to 6,000 cst.

PLEASING PROTECTION SUNSCREEN

Siltech

www.siltech.com

INGREDIENTS

Phase A

	WT%
D.I. Water	50.65
Comedia SP (BASF) (Sodium polyacrylate)	1.20
Glycerin	5.00
SilPlex J2-S (Siltech) (Quaternium-20)	6.00

Phase B

Neo Heliopan OS (Symrise) (Ethylhexyl salicylate)	3.00
Neo Heliopan 303 (Symrise) (Octocrylene)	4.00
Tinosorb S (BASF) (Bis-Ethylhexyloxyphenol methoxyphenyl triazine)	3.50
Siltech CE-2000 (Siltech) (Tricyldodecyl citrate)	7.00
Silmer Q25 (Siltech) (Trimethylsiloxysilicate)	1.00
Silwax J1032 (Siltech) (Alykyl dimethicone)	2.25
Neo Heliopan 357 (Symrise) (Butyl methoxygibenzoylmethane)	3.00
Neo Heliopan BB (Symrise) (Benzophenone-3)	5.00
Neo Heliopan AV (Symrise) (Ethylhexyl methoxycinnamate)	7.50

Phase C

Symocide (Symrise) (Phenoxyethanol, decylene glycol, 1,2-hexanediol)	0.90
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PROCEDURE: Disperse Cosmedia SP into water and glycerin until it is fully hydrated. Add the rest of the Phase A ingredients and heat to 75-80°C. Combine all the liquids in Phase B and mix well at 500rpm while heating to 80-85°C. Add Phase B into Phase A at 80°C at 1,000 rpm mixing rate and increase the mixing rate during subsequent additions. Maintain mixing rate for 2 minutes when targeting a batch size of 200g. Cool

down to room temperature. Then, add Phase C while mixing.

NOURISHING SKIN OIL

Barentz

www.barentz-na.com

INGREDIENTS

WT%

Phase A

Oxismooth CP (Isoamyl capryl caprylate)	25.00
Versagel SQ 1600T (Squalane (and) ethylene/propylene/styrene copolymer (and) butylene/ethylene/styrene copolymer (and) pentaerythrityl tetra-di-t-butyl hydroxyhydrocinnamate)	33.50
Pumice Oil (Olea eurpaea)	15.00
Macadamia Nut Oil (Macadamia ternifolia seed oil)	10.00
Sweet Almond Oil (Prunus amygdalus dalcis (sweet almond) oil)	8.00
Innollient LO (Octyldodecyl oleate, octyldodecyl stearoyl stearate, polyhydroxystearic acid, octyldodecanol)	2.00
CireNat Marula Oil (Scelerocarya birrea)	2.00
NuSolutions Melan-10 (Citrullus lanatus seed oil and lanolin oil)	2.00
Activoil Spotless ZRO (Ribes Nigrum (black currant) seed oil, octyldodecanol, octyldodecyl oleate, octyldodecyl stearoyl stearate, Paeonia suffruticosa root extract, Rosmarinus officinalis (Rosemary) leaf extract)	2.00
Kaduka Plum	0.5

PROCEDURE: Add Oxismooth CP to the main vessel and begin agitation. Carefully add Versagel SQ to the vessel and mix until homogenous (it could take 10-15 minutes depending on mix speed). Slowly add the remaining ingredients individually and mix until homogenous. **PROPERTIES:** Appearance: Light yellow semi-viscous liquid. Odor: Kadum plum. Viscosity: 2,000-3,000 cps. pH: N/A.

MIST FIRING SPRAY

DSM

www.dsm.com

INGREDIENTS

WT%

Phase A

Water Demineralized	88.23
Cosphaderm Pentiol Natural (Cosphatec) (Pentylene glycol)	3.00
Lexgard O (Inolex Chemical Co.) (Caprylyl glycol)	0.20
Sucrathix VX (Alchemy Ingredients) (Microcrystalline cellulose, Cellulose gum, Xanthan gum)	1.00

FORMULARY

Solagum AX (Seppic) (Acacia senegal gum, Xanthan gum)	0.20
Sucrablend SP V2 (Alchemy Ingredients)	1.00
(Sucrose stearate, Sucrose palmitate)	

Phase B

Myritol 331 (Cocoglycerides)	2.75
Coconut Oil (Centerchem) (Cocos nucifera oil)	1.00
Argan Oil (DSM Nutritional Products Ltd.)	1.00
(Argania spinosa kernel oil)	
Lanette O (BASF) (Cetearyl alcohol)	0.25
Mixed Tocopherols 95 (DSM Nutritional Products Ltd.)	0.10

Phase C

Pepha-Tight CB (DSM Nutritional Products Ltd.)	0.35
(Nannochloropsis oculata extract, pullulan, aqua, pentylene glycol, citric acid)	
Syn-Coll (DSM Nutritional Products, Ltd.)	0.46
(Palmitoyl tripeptide-5, glycerin, aqua)	
Pepha-Ctive CB (DSM Nutritional Products, Ltd.)	0.30
(Dunaliella salina extract, aqua, pentylene glycol, citric acid)	
D-Panthenol 75 L (DSM Nutritional Products, Ltd.)	0.10
(Panthenol, aqua)	

Phase D

Citric Acid 10% Solution (Jungbunzlauer Ladenburg GMBH) (Citric acid, aqua)	0.06
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PROCEDURE: Mix A and heat to 75-80°C. Mix B and heat to 75-80°C. Add B to A and homogenize for 1 minute with Turrax. Cool mixture to room temperature under regular stirring. Add Phase C at room temperature. Add Phase D to set pH 5.5. Homogenize again for 1 minute with Turrax. **PROPERTIES:** pH: 5.5. Viscosity (RV5/10 rpm): 560 mPa.s.

TINTED CREAM BLUSH

Jarchem

www.jarchem.com
info@jarchem.com
973-344-0600

INGREDIENTS

Phase A

	WT%
Water	q.s to 100
Freshstat (Vertellus) (Cetylpyridinium chloride (and) Propylene glycol)	0.30

Phase B

Xicare 1305 (Jarchem) (Ammonium styrene/MA Copolymer ethanolamide)	1.50
Zemea (Dupont Tate & Lyle) (Propanediol)	3.00
Xanthan Gum	0.25

Phase C

Titanium dioxide	8.00
EA-1249 Red Iron Oxide (Color Techniques)	1.50
EA-1105 Lo Micron Tan (Color Techniques) (Iron Oxide)	0.75

Phase D

Jarcane (Jarchem) (Eicosane)	8.00
Jarcane 18 (Jarchem) (Octadecane)	9.00
Cetyl Alcohol	2.00
Ceraphor SW (Jarchem) (Synthetic wax)	6.00
Jarcol H2280 (Jarchem) (Behenyl alcohol)	4.00
Arlacel 165 (Croda) (Glyceryl stearate (and) PEG-100 Stearate)	3.00

PROCEDURE: Premix A in main vessel. Premix B, add to A. Blend pigments in Phase C until homogenous, then add to A/B with dispersion blade mixing for 30 minutes. Begin heating to 75-80°C. Premix D at 75-80°C in separate vessel until uniform. At temperature, add D to A/B/C with dispersion blade mixing until homogenous. Pour mixture into components while hot and cool to room temperature. **PROPERTIES:** Appearance: Solid cream. Color: Coral Red (Tint)

COLD PROCESS MINERAL SPF 50+

SNF Personal Care

www.snf.com
flocare@snf.com

INGREDIENTS

Phase A

	WT%
Water	q.s 100.00
Edeta BD (BASF) (Disodium EDTA)	0.05
Glycerin	2.00
Keltrol CG-SFT (CP Kelco) (Xanthan Gum)	0.40
Eumuglin SG (BASF) (Sodium stearyl glutamate)	1.00
Zemea Propanediol (Dupont Tate & Lyle BioProducts) (Propanediol)	5.00

Phase B

Cetiol CC (BASF) (Dicaprylyl carbonate)	5.00
Myritol 318 (BASF) (Caprylic/Capric triglyceride)	2.00
Phenoxyethanol (Coast Southwest)	1.00
UV Cut TiO2 60 VL (Grant Industries) (Titanium dioxide (and) Coconut alkanes (and) Polyhydroxystearic acid (and) Stearic acid (and) Alumina (and) Coco-caprylate/caprate)	15.00
UV Cut ZnO 72 NU (Grant Industries) (Zinc oxide (and) Coconut alkanes (and) Polyhydroxystearic acid (and) Coco-caprylate/caprate (and) Dimethicone)	25.00
Liposorb L-20 (Vantage) (Polysorbate 20)	1.00

FORMULARY

Liposorb O (Vantage) (Sorbitan oleate)	0.50
Dispersun DSP-OL100 (Innospec) (Polyhydroxystearic acid)	3.00
Gransurf 90 (Grant Industries) (Cetyl PEG/PPG-10/1 Dimethicone)	1.00

Phase C

Natursol EMI 132 (SNF) (Sodium acrylate/ sodium acryloyldimethyl taurate copolymer (and) C15-19 Alkane (and) Lauryl glucoside)	4.00
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PROCEDURE: Phase A: Premix glycerin and xanthan gum; add into mixing vessel with water. Add the remaining Phase A ingredients in the order listed in the formula. Phase B: In separate vessel, combine Phase B ingredients while homogenizing until the phase is smooth, creamy. Switch to standard mixing, then slowly add Phase A to Phase B while mixing until the phase AB is well emulsified and free from any lumps. Phase C: Add Natursol EMI 132 to AB phase keep mixing until uniform and smooth. **PROPERTIES:** Appearance: White cream. pH: 7.5-8.5. Viscosity: 30,000-53,000 cPs. Stability: Passed three months @ RT, 40°C and 6°C.

WELL-AGING AND PAMERING HAIR OIL WITH SILVERFREE AND APISCALP

Sederma

www.sederma.com

sederma@sederma.fr

INGREDIENTS

	WT%
Phase A	
Crodamol OP (Ethylhexyl palmitate)	to 100.00
Crodamol AB (Croda) (C12-15 Alkyl benzoate)	10.00
Crodamol STS (Croda) (PPG-3 Benzyl ether myristate)	5.00
Crodamol IPIS (Croda) (Isopropyl isostearate)	5.00
Seatons Coconut Oil (Croda) (Cocos nucifera (coconut) oil)	5.00
Apiscalp (Sederma)	3.00
Phytolea Baobab EC (Crodarom) (Adansonia digitata seed oil)	1.00
Phenoxyethanol	0.80
DI Alpha Tocopherol	0.20
Flavoratonic (MLW)	0.20
Phase B	
Cithrol 10GTIS (Croda) (PEG-20 Glyceryl triisostearate)	15.00
Pentylene Glycol	3.00
Arlasolve DMI PC (Croda) (Dimethyl isosorbide)	2.50
Silverfree (Sederma)	1.50

Phase C

Crodabond CSA (Croda) (Hydrogenated castor oil/Sebacic acid copolymer)	2.00
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PROCEDURE: Weigh Phase A, mix well. Weigh Phase B, mix well. Add Phase B to Phase A with normal helix stirring, stir well. Add Phase C to Phase A+B and stir well. **PROPERTIES:** Appearance: Pale yellow clear liquid. Stability: 3 months at 4°C, 25°C, 45°C and 1 month at 50°C. Centrifuge: 10 min @ 3,000 rpm and 1 x -80°C/+25°C 24 hour freeze-thaw cycle and autoclave 20min @120°C.

PINK LADY 2-PHASE PLUMPING CLOUD SERUM

Corum

886-2-8751-6060

INGREDIENTS

	WT%
Phase A	
Labrafac CC (Caprylic/Capric triglyceride)	12.50
Florasun 90 (Helianthus annuus (sunflower) seed oil)	5.00
Corum 5024 (Octyldodecyl myristate)	15.00
Floramac 10 (Ethyl macadamiate)	5.00
Corum 5088 (Isostearyl isostearate)	8.00
Refine Jojoba Oil (Simmondsia chinensis (jojoba) seed oil)	3.00
Jeechem NDA-5 (C15-19 Alkane)	10.00
Blush Oléoactif (Brassica campestris (rapeseed) seed oil, polygonum tinctorium leaf extract)	1.00
IP-VC (Ascorbyl tetraisopalmitate)	3.00
C-Pep Tricoll CC (Pentaerythrityl tetraisostearate, caprylic/capric triglyceride, stearylalkonium hectorite, propylene carbonate, palmitoyl tripeptide-1)	3.00
C-Pep Elastyl CC (Pentaerythrityl tetraisostearate, Caprylic/capric triglyceride, stearylalkonium hectorite, propylene carbonate, palmitoyl hexapeptide-12)	3.00
Squalane	1.00
Tocopherol acetate	0.50
Phase B	
Azelaic acid	5.00
Phase C	
Jeechem NDA-CC (C13-14 alkane)	15.00
Permethlyl 99A (Isododecane)	10.00

PROCEDURE: Under mixing (1,000 rpm), disperse B into A for 10 min. Add C in sequence and mix well. Under moderate shear (1,000 rpm), add D and mix until evenly dispersed. **PROPERTIES:** Appearance: Light pink cloudy liquid. ■