

univarevolution

Ethereal Nude Face Tint



Bye, bye imperfections, hello healthy looking skin. Perfect for oily skin, this SPF 50, 2-in-1 product is both a mattifying tinted moisturizer and your daily dose of high SPF protection. Its non-greasy and matte finish will keep you looking perfected all day thanks to its long lasting properties.

DOWSIL™ ES 5300 Formulation AID: W/O emulsifier with high oil phase flexibility and high emulsion capability. Gives light skin feel and helps pigment dispersion.

DOWSIL™ FA 4003 DM Silicone Acrylate: highly efficient film former with long lasting and anti-transfer properties. Creates a flexible film on the skin.

DOWSIL™ 3903 Liquid Satin Blend: sensory enhancer with unique rheology. Brings intense lubricity and a luxurious satin-like feel and smoothness.

HALLBRITE® EZ-FLO ZDX: easy-to-use and highly stable dispersion of zinc oxide showing no particle perception and minimal whitening in use. **Naturality: (50%) mineral zinc oxide.**

SunSpheres™ Powder: SPF booster working with broad spectrum organic and inorganic UV filters.

TRIS AMINO™ ULTRA PC: best neutralizing agent for PBSA. Avoids any recrystallization issues and keeps the pH stable. **100% biodegradable.**

HALLBRITE® BHB: sunscreen actives solvent with a lower irritation potential, good pigment dispersion properties, emollient and moisturizer. SPF booster.

Stabil ZERO: alternative preservative ingredient. Provides multiple benefits such as broad-spectrum antimicrobial protection, emollience, moisturization and skin feel enhancement.

Trade name	INCI name	Function	Supplier	%
Phase A				
DOWSIL™ ES 5300 Formulation AID	Lauryl PEG-10 Tris(trimethylsiloxy)silylethyl Dimethicone	Emulsifier	Dow / Univar*	6.0
Vida-Care SP-10	Diethylamino Hydroxybenzoyl Hexyl Benzoate	UV filter	Lambson / Univar*	6.0
HALLBRITE® EZ-FLO ZDX	Zinc Oxide [Zinc Oxide] (60%), Butyloctyl Salicylate, Triceteareth-4 Phosphate, Triethoxycaprylylsilane	UV filter	Hallstar / Univar*	5.0
DOWSIL™ 2503 Cosmetic Wax	Stearyl Dimethicone (and) Octadecene	Structuring agent	Dow / Univar*	4.0
DOWSIL™ FA 4003 DM Silicone Acrylate	Dimethicone (and) Acrylates/ Polytrimethylsioxymethacrylate Copolymer	Film former	Dow / Univar*	7.0
DOWSIL™ 3903 Liquid Satin Blend	Isododecane (and) Dimethicone/Vinyl Dimethicone Crosspolymer	Sensory enhancer	Dow / Univar*	3.0
Stabil ZERO	Pentylene glycol, Caprylyl Glycol, Ethylhexylglycerin	Alternative preservative	Akema / Univar*	1.2
Natural Spa SY156350	Fragrance	Fragrance	Kao Fragrances / Univar*	0.2
Phase B1				
	Water (Aqua)	Solvent	Univar*	Q.S: 26.0
	Sodium Chloride	W/O stabilizer	Univar*	1.0
	Glycerin	Humectant, vegetable origin	Univar*	3.0
SunSpheres™ Powder	Styrene/Acrylates Copolymer	SPF booster	Dow / Univar*	6.0
TRIS AMINO™ ULTRA PC (20% solution in water)	Tromethamine	Multifunctional additive – pH buffer	ANGUS® / Univar*	0.1
Phase B2				
Eusolex® 232	Phenylbenzimidazole Sulfonic Acid	UV filter	Merck	8.0
TRIS AMINO™ ULTRA PC (20% solution in water)	Tromethamine	Multifunctional additive – neutralizing agent	ANGUS® / Univar*	13.0
Phase C				
DOWSIL™ ES 5300 Formulation AID	Lauryl PEG-10 Tris(trimethylsiloxy)silylethyl Dimethicone	Emulsifier, pigment dispersion aid	Dow / Univar*	0.5
DOWSIL™ FZ-3196 Fluid	Caprylyl Methicone	Carrier, pigment dispersion aid	Dow / Univar*	2.0
HALLBRITE® BHB	Butyloctyl Salicylate	Sunscreen solvent, pigment dispersion aid	Hallstar / Univar*	4.0
18-SA-4652 Desert Sand	C.I. 77492, C.I. 77891, C.I. 77491, C.I. 77499	Pigment	Univar Colour*	4.0

Procedure (Hot process)

- In the main vessel, add ingredients of phase A in order. **Vida-Care SP-10** and **DOWSIL™ 2503 Cosmetic Wax** can be pre-melted for easier incorporation
- Mix well until homogenous
- Prepare phase B in a separate vessel: blend water, glycerine and salt together and add **SunSpheres™ Powder**
- Use a high shear device (Silverson or Ultra-Turrax) at this step to be sure that the powder is well dispersed. Mix at approximately 7,000 rpm for 10 minutes. Adjust the pH to 7.0
- Add constituents of phase B2 in order and make sure that the pH is above 6.8 and that all the **Eusolex® 232** is well dissolved
- Make the emulsion: slowly add phase B to phase A at high shear (1,200 rpm) until a homogenous emulsion is obtained
- Blend together constituents of phase C and make sure that the pigments are well dispersed
- Add phase C to phase AB

Stability

Stable at least 2 months at RT, 4°C and 40°C (still ongoing).

Comments

- pH = 7.1 • Viscosity (spindle 6; 10 rpm; 1 min) = 65,000 cPs (63.5 %)
- SPF measured in vitro: 50
- Application: Apply on your face with a foundation brush or with your fingers and blend well for a nude effect, perfected complexion and protected skin. • Beige cream

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