

# *Color Run Ready*

## Lip Balm

Stretch, Get Set, Check the Mirror and GO! Add a little shimmer and shine to your lips while protecting them from the sun. This lip balm will be your best ally for your daily run!

- › **Elevance Smooth CS-110:** plant-based structuring agent for anhydrous product with smooth texture and soft feel. Semi-occlusive film-former.
- › **Elevance Soft CG-100:** plant-based emollient with elegant sensory feel. Good alternative to silicones. Brings spreadability, smoothness and moisturization.
- › **Cerabeil White DAB:** most commonly used wax for lip balms and lipsticks. Improves the stability at 40°C by increasing the melting point of the lip balm.
- › **Hallbrite® BHB:** sunscreen actives solvent with a lower irritation potential, good carrier, emollient and moisturizer. SPF booster.
- › **SolaStay® SI:** the most powerful photostabilizer on the market today. Preserves the effectiveness of Avobenzone (Vida-Care SP-7).
- › **DOWSIL™ VM-2270 Aerogel Fine Particles:** improves stability and avoids syneresis.

Trade name	INCI name	Function	Supplier	%
<b>Phase A</b>				
Elevance Smooth CS-110	Hydrogenated Soy Polyglycerides (and) C15-23 Alkane	Thickening, structuring agent	Elevance Renewable Sciences / Univar*	7.5
DOWSIL™ VM-2270 Aerogel Fine Particles	Silica Silylate	Stabilizing agent	Dow / Univar*	0.5
Cerabeil White DAB	<i>Cera alba</i>	Structuring wax	Baerlocher / Univar*	13.0
Elevance Soft CG-100	Hydrogenated Soybean Oil (and) Hydrogenated Soy Polyglycerides (and) C15-23 Alkane	Emollient	Elevance Renewable Sciences / Univar*	10.0
Biochemica® Shea Butter Refined	<i>Butyrospermum parkii</i> (Shea) Butter	Emollient, natural butter	Hallstar / Univar*	9.0
Biochemica® Coconut Oil EV Organic	<i>Cocos nucifera</i> (Coconut) Oil	Moisturizing, soothing agent	Hallstar / Univar*	10.0
Hallbrite® BHB	Butyloctyl Salicylate	Sunscreen solvent, emollient	Hallstar / Univar*	5.0
SolaStay® S1	Ethylhexyl Methoxycrylene	Photostabilizer	Hallstar / Univar*	5.0
	C12-15 Alkyl benzoate	Sunscreen solvent		9.0
Vida-Care SP-1	Ethylhexyl Methoxycinnamate	UV filter	Lambson / Univar*	6.5
Vida-Care SP-5	Ethylhexyl Salicylate	UV filter	Lambson / Univar*	5.0
Vida-Care SP-7	Butyl Methoxydibenzoylmethane	UV filter	Lambson / Univar*	5.0
<b>Phase B</b>				
Vitamin E Acetate	Tocopheryl Acetate	Anti-oxidant	Rita / Univar*	0.5
11009 Erythrosine lake (23% in C12-C15 Alkyl benzoate)	CI 45430:1	Dye	Univar Colour*	2.0
Illumina Coral SD4501B	Bis(Glycidoxyphenyl) propane/ Bisammoniummethyl-nonbornane Copolymer, Titanium Dioxide, Synthetic Fluorophlogopite, Aluminum Hydroxide, CI 45410, CI 45380, CI 47005, Tin Oxide	Pearl pigments	Sandream Impact / Univar Colour*	12.0

### Procedure (Hot process)

1. Premix the 11009 Erythrosine lake solution in C12-C15 Alkyl benzoate under high shear (Ultra-Turrax)
2. Premix and heat phase A to 75-80°C until completely liquid and homogenous
3. Remove phase A from heat and add each ingredient of phase B one by one and stir between each addition
4. At 65-70°C, pour it into lip balm containers that were preheated at 50°C
5. Let them set at 4°C for 15 minutes

### Stability

Stable at least 1 month at RT, 4°C and 40°C (still ongoing).

### Comments

- Expected SPF: 15
- Application: Apply on your lips with your fingertips.
- Pink balm with coral glitter effect.