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Expert Coverage Collection 2018 - Lip Balm

<u>Code</u>	<u>Application</u>	<u>Body Parts</u>	<u>Form</u>	<u>Appearance</u>	<u>Emulsion Type</u>
J38-50	Color Cosmetics	Lip	Hot Pour	Pigment/Pearl	Anhydrous

Expert Collection 2018 - Lip Balm is part of a fashion forward collection showcasing the versatility of the Jeenate Linear Polyethylene Line in conjunction with Jeechem TDTM-MC. This collection (modified slightly for Blush, Lip, Foundation, and Eye Shadow) shows the great range of color hold, smoothness, texture, and stability that are hallmarks of the system. Formulated as hot pours, this collection is easy to wear with a light feel and long-lasting color.

Trade Name					
Phase	INCI Name	%	Vendor	Highlight Jeen Ingredients	
A	JEECHEM® TDTM-MC Tridecyl Trimellitate And Triistostearyl Citrate	53.410	Jeen	<p>Jeechem TDTM-MC is specifically formulated to give a velvety soft feel and great cushion to skin care and color cosmetics. It is particularly functional for dispersing dry high pigment loads in color cosmetics while minimizing drag, reducing syneresis, and improving stability and durability. Its light color makes it a preferred ingredient for decorative cosmetics where a satiny shine is needed.</p>	
A	TIO2 Pow. Tio2 Pow.	2.6700	Kobo		
A	Orgasol 2002 Ex D Nat Cos. Orgasol 2002 Ex D Nat Cos.	0.5600	Vantage Specialty		
A	KTZ Celestial Luster Mica	1.1100	Kobo		
A	D&C Red 21 D&c Red 21	1.1100	Sensient		
A	SB-700 Sb-700	0.2500	US Cosmetics		
B	JEENATE® 2H Polyethylene	2.4000	Jeen	<p>A Linear Polyethylene with a Melt Point of 58°C. Use this low melting polyethylene to add thickness/structure to your oil phase. Jeenate 2H will also provide a light feel and enhanced film formation for sun care or active delivery. Small percentages can be used to enhance stability profile. A 'Cold Process Wax' version of this ingredient exists as Jeesperse CPW-2. Use at 0.5 - 10%.</p>	
B	JEENATE® 3H Polyethylene	2.2500	Jeen		
B	BEESWAX, YELLOW REFINED (Natural) Beeswax, Yellow Refined	3.4400	Jeen	<p>A Linear Polyethylene with a Melt Point of 69°C. Use this low melting PE to add thickness/structure to your oil phase. Jeenate 3H provides a light feel and enhanced film formation for sun care or active delivery. Ideal in any hot pour application or as a secondary structuring agent for a stick, it adds improved soft feel and 'payout'. Small percentages can be used to enhance stability in any emulsion. A 'Cold Process Wax' version of this ingredient exists as Jeesperse CPW-3. Use at 0.5 -10%.</p>	
B	CARNAUBA WAX - MICROCARE MP350	2.4000	Jeen		
C	SHEA BUTTER Shea (butyrospermum Parkii) Butter	1.0000	Jeen		
C	COCONUT OIL Cocos Nucifera (coconut) Oil	1.0000	Jeen		

C	JEESILC® PS-DMLV Dimethicone, Bis-vinyl Dimethicone/dimethicone Copolymer	7.0000	Jeen	Bis-vinyl Dimethicone/Dimethicone Copolymer is a linear polymer patented by Jeen® (US Patent # 7,407,666). The polymer is non-crosslinked, and provides the security of knowing you're not infringing on any patents pertaining to a Dimethicone Crosspolymer. Elegance delivered by the Bis-vinyl Dimethicone/Dimethicone Copolymer, and carried using Dimethicone, this pourable silicone gel will provide shine and a comfortable film with long wear. Easily added post emulsion. Use at 1-8%.
C	JEESILC® PS-PTLV Phenyl Trimethicone, Bis-vinyl Dimethicone/dimethicone Copolymer	2.7500	Jeen	
C	ISODODECANE Isododecane	13.0000	Jeen	Isododecane is a volatile aliphatic hydrocarbon. This ultra pure quick drying emollient has excellent slip and is also a dispersing agent in a wide variety of personal care products and is particularly good in color/decorative cosmetics.
C	JEESILC® ER-1 Polymethylsilsesquioxane (and) Isododecane (and) Dimethicone Crosspolymer-3	4.5000	Jeen	Jeesilc® ER-1 is an innovative film former with great skin and hair adhesion properties, it dries quickly and provides comfortable long wear. Due to its oxidative and humidity tolerance, it is an ideal product for Suncare, Decorative/Color Cosmetics and haircare. Its comfortable long wear feel lends itself perfectly to all types of finished applications.
C	JEECID® CAP-2 Caprylyl Glycol, Phenoxyethanol, Hexylene Glycol	0.7500	Jeen	Jeeicide® CAP-2 is a broad spectrum preservative system. Use at 0.5-1.5% in any emulsion for complete microbial protection. Paraben-Free, Formaldehyde Donor-Free, and Globally Compliant. Stable at pH 3-10.
C	Flavor Flavor	0.2000		
C	VITAMIN E OIL Tocopheryl Acetate	0.2000	Jeen	
100.0000 %				

Procedure		Product Specifications	
1	In a main beaker add quarter of the amount of Jeechem TDTM-MC at room temperature and add TiO2 mix well until smooth uniform dispersion.	Melt Point	50-60 C
2	Add the remaining pigments one at a time and mix until uniform dispersion.		
3	Add remaining Jeechem TDTM-MC and mix until completely uniform.		
4	Heat Phase A @ 80-85°C and mix until completely melted and uniform.		
5	Add Phase B ingredients one at a time to Phase A and mix until completely melted and uniform.		
6	Cool down Phase AB to 50-55°C.		
7	Add Phase C ingredients to Phase A,B @ 50-55°C and mix until uniform.		
8	Pour @ 50-55°C and let solidify at room temperature.		

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