Froggy-Licious Lipstick Formulation 02413



Attributes

Smooth Feel Long Lasting Transfer Resistance Comfort Wear Easy to Apply Transforming Color Perceived Nourishment

Components

A Beeswax Beeswax 5.5 A Candelilla Wax Candelilla Wax 6.5 A Ozokerite 4 A DOWSIL™ SW-8005 C30 Resin Wax C30-45 Alkyldimethylsilyl Polypropylsilsesquioxane 4 A Polyethylene 3 A Carnauba Wax Copernicia Cerifera (Carnauba) Wax 3 B Polyglyceryl-3 Diisostearate Polyglyceryl-3 Diisostearate 0.5 5 B Dicaprylyl Ether 5 B Octyldodecanol 0ctyldodecanol 4 B Octyldodecanol 0ctyldodecanol 12.5 B DOWSIL™ FZ-3196 Fluid Caprylyl Methicone 9 B Pentaeythrityl Tetraisostearate Pentaeythrityl Tetraisostearate 4 8 B Isostearyl Isostearate Isostearyl Isostearate 5 5 B Triisostearin Triisostearin 1.47 B DOWSIL™ 9576 Smooth Away Elastomer Dimethicone & Dimethicone & Dimethicone & Dimethicone & Dimethicone & Dimethicone Crosspolymer & Dimethicone Cross	Phase	Order	Ingredient	INCI Name	Wt%	Supplier	Trade Name
A Ozokerite Ozokerite 4 A DOWSIL™ SW-8005 C30 Resin Wax Polypropylsilsesquioxane Polypropylsilsesquioxane A Polyethylene Polyethylene 3 A Carnauba Wax Copernicia Cerifera (Carnauba) Wax B Polyglyceryl-3 Diisostearate Polyglyceryl-3 Diisostearate 0.5 B Dicaprylyl Ether Dicaprylyl Ether 5 B Octyldodecanol Octyldodecanol 4 B Octyldodecanol Octyldodecanol 12.5 B DOWSIL™ FZ-3196 Fluid Caprylyl Methicone 9 B Pentaeythrityl Tetraisostearate Pentaeythrityl Tetraisostearate 4 B Isostearyl Isostearate Isostearite 5 B Triisostearin Triisostearin 1.47 B DOWSIL™ 9576 Smooth Away Elastomer Dimethicone Crosspolymer & Beswax & Silica & Silica Silylate B Isopropyl Myristate Isopropyl Myristate 9.48 C Octyldodecanol Octyldodecanol 12.5 C C.I. 45410 C.I. 45410 C.I. 42090 C.I. 42090 0.4	А		Beeswax	Beeswax	5.5		
A DOWSIL™ SW-8005 C30 Resin Wax C30-45 Alkyldimethylsityl Polypropylsilsesquioxane 4 A Polyethylene 3 A Carnauba Wax Copernicia Cerifera (Carnauba) Wax 3 B Polyglyceryl-3 Diisostearate Polyglyceryl-3 Diisostearate 0.5 B Dicaprylyl Ether Dicaprylyl Ether 5 B Octyldodecanol Octyldodecanol 4 B Octyldodecanol Octyldodecanol 12.5 B DOWSIL™ FZ-3196 Fluid Caprylyl Methicone 9 B Pentaeythrityl Tetraisostearate Pentaeythrityl Tetraisostearate 4 B Isostearyl Isostearate Isostearyl Isostearate 5 B Triisostearin Triisostearin 1.47 B DOWSIL™ 9576 Smooth Away Elastomer Dimethicone & Dimethicone & Dimethicone & Crosspolymer & Dimethicone Crosspolymer & Dimethicone Crosspolymer & Beeswax & Silica & C. I. 45410 12.5 C C.I. 45410 C.I. 45410 1 C C.I. 42090 C.I. 42090 0.4	А		Candelilla Wax	Candelilla Wax	6.5		
Resin Wax Polypropylsilsesquióxane A Polyethylene 3 A Carnauba Wax Copernicia Cerifera (Carnauba) Wax 3 B Polyglyceryl-3 Diisostearate 0.5 B Dicaprylyl Ether Dicaprylyl Ether 5 B Octyldodecanol Octyldodecanol 4 B Octyldodecanol Octyldodecanol 12.5 B DOWSIL™ FZ-3196 Fluid Caprylyl Methicone 9 B Pentaeythrityl Tetraisostearate 4 B Isostearyl Isostearate 5 B Triisostearin Triisostearin 1.47 B DOWSIL™ 9576 Smooth Away Elastomer Dimethicone & 15 Dimethicone Crosspolymer & Dime	А		Ozokerite	Ozokerite	4		
A Camauba Wax Copernicia Cerifera (Camauba) Wax 3 B Polyglyceryl-3 Diisostearate Polyglyceryl-3 Diisostearate 0.5 B Dicaprylyl Ether Dicaprylyl Ether 5 B Octyldodecanol Octyldodecanol 4 B Octyldodecanol Octyldodecanol 12.5 B DOWSIL™ FZ-3196 Fluid Caprylyl Methicone 9 B Pentaeythrityl Tetraisostearate Pentaeythrityl Tetraisostearate 4 B Isostearyl Isostearate Isostearate 5 B Triisostearin Triisostearin 1.47 B DOWSIL™ 9576 Smooth Away Elastomer Dimethicone & Dimethicone Vinyl Dimethicone Crosspolymer & Dimethicone Crossp	А				4		
B Polyglyceryl-3 Diisostearate Polyglyceryl-3 Diisostearate 0.5 B Dicaprylyl Ether Dicaprylyl Ether 5 B Octyldodecanol Octyldodecanol 4 B Octyldodecanol Octyldodecanol 12.5 B DOWSILTM FZ-3196 Fluid Caprylyl Methicone 9 B Pentaeythrityl Tetraisostearate Pentaeythrityl Tetraisostearate 4 B Isostearyl Isostearate Isostearyl Isostearate 5 B Triisostearin Triisostearin 1.47 B DOWSILTM 9576 Smooth Away Elastomer Dimethicone & Dimethicone Crosspolymer & Dimethicone Crosspolymer & Dimethicone Crosspolymer & Beeswax & Silica & Silica Silylate B Isopropyl Myristate Isopropyl Myristate 9.48 C Octyldodecanol Octyldodecanol 4 C Octyldodecanol Octyldodecanol 12.5 C C.I. 45410 C.I. 45410 1 C C.I. 42090 C.I. 42090 0.4	А		Polyethylene	Polyethylene	3		
B Dicaprylyl Ether Dicaprylyl Ether 5 B Octyldodecanol Octyldodecanol 4 B Octyldodecanol Octyldodecanol 12.5 B DOWSIL™ FZ-3196 Fluid Caprylyl Methicone 9 B Pentaeythrityl Tetraisostearate Pentaeythrityl Tetraisostearate 4 B Isostearyl Isostearate Isostearate 5 B Triisostearin Triisostearin 1.47 B DOWSIL™ 9576 Smooth Away Elastomer Dimethicone & Dimethicone Vinyl Dimethicone Crosspolymer & Dimeth	А		Carnauba Wax		3		
B Octyldodecanol Octyldodecanol 4 B Octyldodecanol Octyldodecanol 12.5 B DOWSIL™ FZ-3196 Fluid Caprylyl Methicone 9 B Pentaeythrityl Tetraisostearate Pentaeythrityl Tetraisostearate 4 B Isostearyl Isostearate Isostearyl Isostearate 5 B Triisostearin Triisostearin 1.47 B DOWSIL™ 9576 Smooth Away Elastomer Dimethicone & Dimethicone Crosspolymer & Dimethicone Crosspolymer & Dimethicone Crosspolymer & Dimethicone Crosspolymer & Beseswax & Silica & Sili	В		Polyglyceryl-3 Diisostearate	Polyglyceryl-3 Diisostearate	0.5		
B Octyldodecanol Octyldodecanol 12.5 B DOWSIL TM FZ-3196 Fluid Caprylyl Methicone 9 B Pentaeythrityl Tetraisostearate Pentaeythrityl Tetraisostearate 4 B Isostearyl Isostearate Isostearate 5 B Triisostearin Triisostearin 1.47 B DOWSIL TM 9576 Smooth Away Elastomer Dimethicone & Dimethicone Crosspolymer & Dimethicone Crosspolymer & Dimethicone Crosspolymer & Beeswax & Silica & Silica Silylate B Isopropyl Myristate Isopropyl Myristate 9.48 C Octyldodecanol Octyldodecanol 4 C Octyldodecanol Octyldodecanol 12.5 C C.I. 45410 C.I. 45410 1 C C.I. 42090 C.I. 42090 0.4	В		Dicaprylyl Ether	Dicaprylyl Ether	5		
B DOWSILTM FZ-3196 Fluid Caprylyl Methicone 9 B Pentaeythrityl Tetraisostearate Pentaeythrityl Tetraisostearate 4 B Isostearyl Isostearate Isostearate 5 B Triisostearin Triisostearin 1.47 B DOWSILTM 9576 Smooth Away Elastomer Dimethicone & Dimethicone Vinyl Dimethicone Crosspolymer & Dimeth	В		Octyldodecanol	Octyldodecanol	4		
B Pentaeythrityl Tetraisostearate Pentaeythrityl Tetraisostearate 4 B Isostearyl Isostearate Isostearate 5 B Triisostearin Triisostearin 1.47 B DOWSIL™ 9576 Smooth Away Elastomer Dimethicone & Dimethicone Crosspolymer & Dimethicone & Dimethi	В		Octyldodecanol	Octyldodecanol	12.5		
B Isostearyl Isostearate Isostearate 5 B Triisostearin Triisostearin 1.47 B DOWSIL™ 9576 Smooth Away Elastomer Dimethicone & Dimethicone Crosspolymer & Dimethicone Crosspolymer & Dimethicone Crosspolymer & Dimethicone Crosspolymer & Beeswax & Silica & S	В		DOWSIL™ FZ-3196 Fluid	Caprylyl Methicone	9		
B Triisostearin Triisostearin 1.47 B DOWSIL™ 9576 Smooth Away Elastomer Dimethicone & Dimethicone Crosspolymer & Dimethicone Crosspolymer & Dimethicone Crosspolymer & Beeswax & Silica & Silica & Silica Silylate B Isopropyl Myristate Isopropyl Myristate 9.48 C Octyldodecanol Octyldodecanol 4 C Octyldodecanol Octyldodecanol 12.5 C C.I. 45410 C.I. 45410 1 C C.I. 42090 C.I. 42090 0.4	В		Pentaeythrityl Tetraisostearate	Pentaeythrityl Tetraisostearate	4		
B DOWSIL TM 9576 Smooth Away Elastomer Dimethicone & Dimethicone & Dimethicone & Dimethicone Crosspolymer & Dimethicone Crosspolymer & Dimethicone Crosspolymer & Beeswax & Silica &	В		Isostearyl Isostearate	Isostearyl Isostearate	5		
Away Elastomer Dimethicone/Vinyl Dimethicone Crosspolymer & Dimethicone Crosspolymer & Dimethicone Crosspolymer & Dimethicone Crosspolymer & Beeswax & Silica & Silica Silylate B Isopropyl Myristate Isopropyl Myristate 9.48 C Octyldodecanol Octyldodecanol 4 C Octyldodecanol Octyldodecanol 12.5 C C.I. 45410 C.I. 45410 1 C C.I. 42090 C.I. 42090 0.4	В		Triisostearin	Triisostearin	1.47		
C Octyldodecanol Octyldodecanol 4 C Octyldodecanol Octyldodecanol 12.5 C C.I. 45410 C.I. 45410 1 C C.I. 42090 C.I. 42090 0.4	В			Dimethicone/Vinyl Dimethicone Crosspolymer & Dimethicone Crosspolymer & Beeswax & Silica & Silica	15		
C Octyldodecanol 12.5 C C.I. 45410 C.I. 45410 1 C C.I. 42090 C.I. 42090 0.4	В		Isopropyl Myristate	Isopropyl Myristate	9.48		
C C.I. 45410 C.I. 45410 1 C C.I. 42090 C.I. 42090 0.4	С		Octyldodecanol	Octyldodecanol	4		
C C.I. 42090 C.I. 42090 0.4	С		Octyldodecanol	Octyldodecanol	12.5		
	С		C.I. 45410	C.I. 45410	1		
C C.I. 19140 C.I. 19140 0.6	С		C.I. 42090	C.I. 42090	0.4		
	С		C.I. 19140	C.I. 19140	0.6		

Phase	Order	Ingredient	INCI Name	Wt%	Supplier	Trade Name
С		Tocopheryl Acetate	Tocopheryl Acetate	0.05		
D		DOWSIL™ 680 ID Fluid	Polypropylsilsesquioxane (and) Isododecane	6		

Procedure

Step	Process
1	Mix ingredients of phase A and heat to 80°C.
2	Mix ingredients of phase C together.
3	Add phase C to phase B and mix.
4	Add phase BC to phase A and mix until uniform.
5	Add phase D to the blend ABC with mixing.
6	Mix ingredients of phase B and heat to 80°C.
7	Using an homogeniser (E.g. Silverson, Ultraturrax), homogenise.
8	Mix well, then turn the mixer off for several minutes to allow air bubbles to escape.
9	Pour into lipstick mold and leave to set at room temperature.
10	Put in the fridge for 1 hour.
11	Remove from mould and put into lipstick packaging.

Stability

Stable for at least 1 month at room temperature.

This suggested formulation is only a representative formulation and it is not a commercialized product. Dow believes that the information and data on which this formulation is based are reliable, but it has not been subjected to extensive testing for performance, efficacy or safety. BEFORE COMMERCIALIZATION, YOU SHOULD THOROUGHLY TEST THE FORMULATION OR ANY VARIATION OF IT TO DETERMINE ITS PERFORMANCE, EFFICACY AND SAFETY. IT IS YOUR RESPONSIBILITY TO OBTAIN ANY NECESSARY GOVERNMENT CLEARANCE, LICENSE OR REGISTRATION. In addition, Dow has not undertaken a comprehensive patent search on the formulation. Suggestions of uses should not be taken as inducements to infringe any particular patent. The information contained in this communication does not constitute an offer, does not give rise to binding obligations, and is subject to change without notice to you. The creation of binding obligations will occur only if an agreement is signed by authorized representatives of Dow and your company. Any reference to competitor materials contained in this communication is not an endorsement of those materials by Dow or an endorsement by the competitor of Dow materials. To the fullest extent permitted by applicable law, Dow disclaims any and all liability with respect to your use or reliance upon the information. DOW DOES NOT MAKE ANY WARRANTY OR REPRESENTATION, EXPRESS OR IMPLIED, WITH RESPECT TO THE UTILITY OR COMPLETENESS OF THE INFORMATION AND DISCLAIMS THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. DOW DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

®™Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow. © 2018 The Dow Chemical Company. All rights reserved.

30023848 Form No. 27-2048-01 A