

No 5227 Body Cream

Body Cream

Formulation 01417



Attributes

Melting Texture

W-in-Si + Oil Emulsion

Components

Phase	Order	Ingredient	INCI Name	Wt%	Supplier	Trade Name
A		DOWSIL™ ES-5227 DM Formulation Aid	Dimethicone (and) PEG/PPG-18/18 Dimethicone	8		
A		XIAMETER™ PMX-200 Silicone Fluid 5 cSt	Dimethicone	7.17		
A		DOWSIL™ 2503 Cosmetic Wax	Stearyl Dimethicone	7		
A		Caprylic/Capric Triglyceride	Caprylic/Capric Triglyceride	3.53		
A		DOWSIL™ SW-8005 C30 Resin Wax	C30-45 Alkyldimethylsilyl Polypropylsilsesquioxane	3		
B		Water	Water	64		
B		Glycerin	Glycerin	5		
B		Sodium Chloride	Sodium Chloride	1		
B		Phenoxyethanol (and) Ethylhexylglycerin	Phenoxyethanol (and) Ethylhexylglycerin	1		
C		Fragrance	Fragrance	0.3		

Procedure

Step	Process
1	Mix phase A and heat up to 85°C.
2	Mix phase B ingredients together and heat to 85°C.
3	Slowly add phase B to phase A with increasing mixing speed little by little (400 to 1000 rpm), then mix at 2000 rpm during 5 minutes.
4	Let cool to 30-35°C with mixing.
5	Add phase C under stirring.
6	Pass through a Silverson (15 sec/100 g).

Stability

Stable for at least 3 months at room temperature and 40°C.

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.