

Mattifying Moisture Lotion

2823-6

Description

This mattifying moisture lotion serum provides instant and long-lasting moisturization while balancing skin oiliness and creating a clean matte finish. ElfaMoist® AC humectant provides 30-hour moisturization with just one application while naturally-derived,TAPIOCA PURE starch absorbs oil to leave a smooth matte finish to the skin. STRUCTURE® XL starch is a natural-based rheology modifier that increases viscosity and improves emulsion stability.

Formula

Trade Name	INCI Name	% w/w	Supplier
Phase A			
Deionized Water	Water (Aqua)	60.00%	Local
Pemulen TR-1	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	0.20%	Lubrizol Advanced Materials
ElfaMoist® AC humectant	Acetamidoethoxyethanol	6.50%	AkzoNobel
Phase B			
Dow Corning 200 Fluid (10 cst)	Dimethicone	3.00%	Dow Corning Corp
Dow Corning 9701 Cosmetic Powder	Dimethicone/Vinyl Dimethicone Crosspolymer (and) Silica	2.00%	Dow Corning Corp
Schercemol NGDO	Neopentyl Glycol Diethylhexanoate	2.00%	Lubrizol Advanced Materials
Rose Hip Oil	Rosa Canina Fruit Oil	0.80%	Phantom Vendor
Arlacel™ 165	Glyceryl Stearate (and) PEG-100 Stearate	2.00%	Croda, Inc.
TWEEN 20	Polysorbate 20	0.20%	Croda, Inc.
Phase C			
Triethanolamine 99%	Triethanolamine	0.30%	Dow Chemical
Deionized Water	Water (Aqua)	1.00%	Local
Phase D			
	Hamamelis Virginiana (Witch Hazel) Distillate	15.00%	
STRUCTURE® XL starch	Hydroxypropyl Starch Phosphate	0.50%	AkzoNobel
TAPIOCA PURE starch	Tapioca Starch	5.00%	AkzoNobel
Euxyl® PE 9010	Phenoxyethanol (and) Ethylhexylglycerin	1.50%	Schülke & Mayr GmbH
Citric Acid Solution	Citric acid	0.00%	Crompton
Total:		100.00%	

Procedure

Created: 2018-03-21 13:08:13 GMT **Modified:** 2018-03-27 17:23:58 GMT

Europe:Stenungsund, Sweden, T: +46 303 85000, F: +46 303 771973, e: personalcare.europe@akzonobel.com

Americas:Chicago, Illinois, US, T: +1 800 906-9977, F: +1 908-707-3664, e: personalcare.usa@akzonobel.com

South America:Itupeva, SP, Brazil, T: +55-11-4591-8870, F: +55-11-4591-8804, e: personalcare.southamerica@akzonobel.com

Asia/Pacific:Shanghai, P.R., Chind, T: +86-21-2220-5000, F: +86-21-2220-5558, e: personalcare.china@akzonobel.com

www.akzonobel.com/PersonalCare

Mattifying Moisture Lotion

2823-6

Add water to main beaker with moderate homogenizer mixing (speed 2000-3000 rpm). Sift in Pemulen TR-1 slowly and mix at speed 2000-3000 rpm until fully dispersed/dissolved (avoid clumping while adding). Add ElfaMoist AC and begin heating to 75-80°C while mixing.

Add all phase B ingredients to a side beaker under strong mixing and begin heating. Once both phases reach 75-80°C add phase B to phase while homogenizing (4000 rpms) for 10 minnutes. Begin cooling and lower mixing speed (3000 rpms)

Pre-mix Triethanolamine with water and add to the emulsion at 65-70°C. Mix with high to moderate homogenization at speed (4000 rpm) for 5 minutes until dispersed then turn mixing speed down (3000 rpm) Cool batch to 45°C.

Add remaining phase D ingredients while mixing. Adjust pH to 6.00 with 50% Citric Acid Solution until dispersed and uniform. Switch batch to sweep mixing blade (U blade) and mix at 20 rpm until batch reaches 25°C.

Properties

Appearance	White lotion
pH	6.0-7.0
Brookfield Viscosity	6,500-8,500 cps spindle C, 10 rpm, @25°C

Packaging

Aptar Airless pump

All information concerning our products and/or all suggestions for handling and use contained herein (including formulation and toxicity information) are offered in good faith and are believed to be reliable. However Akzo Nobel Surface Chemistry makes no warranty express or implied (i) as to the accuracy or sufficiency of such information and/or suggestions, (ii) as to any product's merchantability or fitness for a particular use or (iii) that any suggested use (including use in any formulation) will not infringe any patent. Nothing contained herein shall be construed as granting or extending any license under any patent. The user must determine for itself by preliminary tests or otherwise the suitability of any product and of any information contained herein (including but not limited to formulation and toxicity information) for the user's purpose. The safety of any formulations described herein has not been established. The suitability and safety of a formulation should be confirmed in all respects by the user prior to use. The information contained herein supersedes all previously issued bulletins on the subject matter covered.

Created: 2018-03-21 13:08:13 GMT Modified: 2018-03-27 17:23:58 GMT

Europe: Stenungsund, Sweden, T: +46 303 85000, F: +46 303 771973, e: personalcare.europe@akzonobel.com

Americas: Chicago, Illinois, US, T: +1 800 906-9977, F: +1 908-707-3664, e: personalcare.usa@akzonobel.com

South America: Itupeva, SP, Brazil, T: +55-11-4591-8870, F: +55-11-4591-8804, e: personalcare.southamerica@akzonobel.com

Asia/Pacific: Shanghai, P.R., Chind, T: +86-21-2220-5000, F: +86-21-2220-5558, e: personalcare.china@akzonobel.com

www.akzonobel.com/PersonalCare