

Moisturizing Lotions with PureSyn™ Cascading Emollient System

Description

A PureSyn™ 2, 4 and 150 cascading emollient system is used to create a unique and elegant lubricity gradient in a moisturizing lotion. Use the PureSyn cascading system alone or combine with other emollients to provide a wide variety of finishing feels.

Phase	Ingredient	INCI Designation	Wt%
A	Deionized Water	Water	62.80
A	Carbopol 980 (2% Soln)	Carbomer	20.00
A	Disodium EDTA	Disodium EDTA	0.10
A	Propylene Glycol	Propylene Glycol	2.00
B	Promulgen D	Cetearyl Alcohol (and) Cetareth-20	2.00
B	Emollient Mix (see grid below)	Various Products	10.00
B	Arlacel 165	Glyceryl Stearate (and) PEG-100 Stearate	1.50
C	Triethanolamine 99% to pH 6.5-7.0	Triethanolamine	0.60
D	Germaben II	Propylene Glycol (and) Diazolidinyl Urea (and) Methylparaben (and) Propylparaben	1.00
	Total		100.00

Blending Procedure

1. Heat phase A to 70°C.
2. Heat phase B to 70°C.
3. Add phase B to phase A.
4. Add phase C. Cool to 50°C and add phase D.

	PureSyn 2	PureSyn 4	PureSyn 150	Dow Corning 201 Fluid (350 cs)
INCI Designation	Hydrogenated Poly(C6-14 Olefin)		Hydrogenated Polydecene	Dimethicone
CLI 1490526	3.34	3.33	3.33	
CLI 1490528	4.00	1.00	2.50	2.50

This experimental personal care formulation is provided for illustrative purposes only. It is neither tested nor represented as suitable for cosmetic, medical or pharmaceutical uses or freedom from patent infringement. This formulation has not been subject to comprehensive safety testing. It is the user's responsibility to thoroughly test any formulation before use in any specific applications.

150135 - May 2009