



Hydrating Body Lotion

DESCRIPTION: In this formula **PERFORMA™ V 150 biopolymer**, a soy wax copolymer supports skin-conditioning and moisturization with non-tacky feel and provides viscosity rheology modification. The formula applies smoothly, evenly and provides a moisturizing feel while leaving skin feeling soft and smooth.

Phase	Ingredient	Weight %	Supplier
1	DI Water	73.30	
	Glycerin	2.50	
2	Mineral Oil	4.00	Sonneborn
	C12-15 Alkyl Benzoate	2.50	Evonik
	Ethylhexyl Palmitate	1.75	BASF
	PERFORMA™ V 150 biopolymer INCI: pending	2.00	NuCera Solutions
	Cetyl Alcohol	1.50	Acme Hardesty Co.
	Cetearyl Alcohol	0.50	
3	Cetereath-20	2.50	Dow Corning
	Carbopol Aqua SF-1	5.00	Lubrizol
4	NaOH (20%)	0.85	
	Dow Corning 1411 Fluid	2.50	Dow Corning
5	Fragrance	0.10	
	Germaben II	1.00	Ashland

Processing Steps

- 1) Separately heat Phase 1 and 2 to 85-90°C with moderate mixing
- 2) Add Phase 2 to Phase 1
- 3) At 85°C add Phase 3 to combined Phase 1 & 2
- 4) Hold temperature at 85°C and continue mixing for ten minutes
- 5) Cool with mixing to 45°C
- 6) Once cool add Phase 4
- 7) Add phase 5 and fill containers