

## Base Leave on

Part	Ingredient (Trade name)	Ingredient (INCI name)	% w/w	Function	Supplier
A	Water	Water	add.100	Solvent	
	2NaEDTA	Disodium EDTA	0.10	Chelating Agent	
	Glycerine	Glycerine	1.00	Humectant	Rubia
B	Vanzan NF-C	Xanthan gum	0.70	Thickener	Vanderbilt Minerals
	Veegum Ultra	Magnesium Aluminum Silicate	1.00	Rheology modifier	Vanderbilt Minerals
C	NatiFlex HF3000	Polyquaternium-10	0.20	Conditioning Agent	Joyvo
D	Silike 91 PL	Isoamyl laurate,propylene glycol diheptanoate	1.00	Conditioning Agent	Maian
	D-Femo	PEG/PPG-17/6 Copolymer	1.00	Moisturizer	Sambo
	NatiFlex HyaMate	Hydroxypropyltrimonium Hyaluronate	0.10	Humectant	Joyvo
	IvyLanc K	Hydrolyzed Keratin	0.10	Conditioning Agent	Joyvo
E	Purox S	Sodium benzoate	0.50	Preservative	Emerald Kalama
	Microcare PHC	Phenoxyethanol,Chlorphenesin,Glycerin	0.50	Preservative	

### Procedure

- 1.Add 2NaEDTA and Glycerine to the water while stirring with a propeller mixer at 70-75°C , mixing for 5 min.
2. Dry Mix Vegum Ultra and Vanzan NF-C slowly to A and add Part C to A , agitated at maximum available shear for 15 minutes at 70°C.
3. Cool while mixing slowly to 50°C.
- 4.Add D while continuous stirring until homogeneous.
- 5.Add E and mix until uniform.

### Appearance :

pH : 5.5

Spindle, rpm : 64 ,10 rpm

Viscosity 0 hr @RT : N/A

Viscosity 24 hr @RT : 4870 cps  
(Brookfield LV DV-I+)