

### Skin Overnight recharge Cream

Material Name	Manufacturer	INCI	%	Phase
Deionised Water	In House	Aqua	66.18	A
Surfac EDTA Na2	Surfachem	Disodium EDTA	0.1	A
Vanzan® NF	Vanderbilt	Xanthan Gum	0.1	B
Glycerine 99.8%	Various	Glycerin	5	B
Olivem® 1000	Hallstar	Cetearyl Oliviate, Sorbitan Oliviate	3	C
Olivem® VS Feel	Hallstar	Cetearyl Alcohol, Cetyl Palmitate, Sorbitan Palmitate, Sorbitan Oleate	2.5	C
Sensolene® Care DD	Hallstar	Lauryl Oliviate	2	C
Refined Hemp Oil	Hallstar	Cannabis Sativa (Hemp) Seed Oil	4	C
BIOCHEMICA® Shea Butter Natural	Hallstar	Butyrospermum Parkii (Shea) Butter	2.5	C
BIOCHEMICA® Aloe Butter	Hallstar	Cocos Nucifera (Coconut) Oil, Aloe Barbadensis Leaf Extract	2	C
BIOCHEMICA® Cocoa Butter Deodorised	Hallstar	Theobroma Cacao (Cocoa) Seed Butter	1	C
Surfac Cetyl Alcohol	Surfachem	Cetyl Alcohol	2.5	C
Flower Power Hibiscus	Assessa	Hibiscus Sabdariffa Flower Extract and Acacia Senegal Gum	0.1	D
Repair Complex CLR™ PF	CLR Berlin	Bifida Ferment Lysate, Phenoxyethanol, Sodium Benzoate	5	D
MultiMoist CLR™	CLR Berlin	Fructooligosaccharides, Beta Vulgaris (Beet) Root Extract, Aqua, Potassium Lactate, Lactic Acid	3	D
Saliguard® EHGP	Salicylates and Chemicals	Phenoxyethanol, Ethylhexylglycerin	1	D
10% Sodium Hydroxide in Water	In House	Aqua, Sodium Hydroxide	0.01	Q.S
50% Citric Acid in Water	In House	Aqua, Citric Acid	0.01	Q.S

### Manufacturing Method

#### Phase A

1) Add Surfac EDTA Na2 to water and begin heating with stirring to 80-85 Deg C

#### Phase B

2) Premix Vanzan® NF and Glycerin to form a homogeneous slurry, then add to main batch under brisk stirring. Homogenise to ensure Vanzan® NF is fully dispersed

#### Phase C

3) In separate vessel combine Olivem® 1000, Olivem® VS Feel, Sensolene® Care DD, Refined Hemp Oil, BIOCHEMICA® Shea Butter Natural, BIOCHEMICA® Aloe Butter, BIOCHEMICA® Cocoa Butter Deodorised and Surfac Cetyl Alcohol  
Heat to 80-85 Deg C

When both phases are to temperature add oil phase to main vessel under homogenisation. Once emulsion has formed cool with stirring to <= 40 Deg C

#### Phase D

4) Add individually in order with stirring Flower Power Hibiscus, Repair Complex CLR™ PF , MultiMoist CLR™ , Saliguard® EHGP

Once batch is homogeneous check pH and viscosity.

Adjust pH with either Sodium Hydroxide or citric acid if required

### Specification @ 20 Deg C

pH 5.0 - 6.5

Viscosity 40000 - 80000cps (TC/10RPM)