

# FORMULATIONS

BY ROSS ORGANIC, INC.

## Mineral SPF 25 (#AL-219-170-A)

	Ingredients	INCI's	Functions	%	Suppliers
A	DI Water	Water (Aqua)	Solvent	qs	-
A	Glycerin	Glycerin	Humectant	2.00	-
A	Cosphaderm Propanediol Natural	Propanediol	Humectant, Skin Conditioning, Antimicrobial	2.00	Cosphatec
A	Cosphaderm X 34 Veg	Xanthan Gum	Thickener	0.30	Cosphatec
A	Sensiva PA 20	Phenethyl Alcohol, Ethylhexylglycerin	Preservative	1.00	Schülke
B	Emulgade Sucro Plus	Sucrose Polystearate (and) Cetyl Palmitate	Natural-based Emulsifier	2.00	BASF
B	Eumulgin SG	Sodium Stearoyl Glutamate	Emulsifier	1.00	BASF
B	Z-Cote LSA UC	Zinc Oxide	Natural broad-spectrum sunscreen	20.00	BASF
B	Myritol 331	Cocoglycerides	Emollient	10.00	BASF
B	Floramac 10	Ethyl Macadamiate (and) Tocopherol (and) Malic Acid	Emollient	5.00	Floritech
B	Campo South Pacific Monoi Oil	Plumeria Acutifolia Flower Extract	Moisturizing, Smoothing, UV Protection	2.00	Campo Research
B	Campo Coffee Oil Decolorized, Deodorized	Coffea Arabica (Coffee) Seed Oil	UV Protection, Anti-oxidant	2.00	Campo Research
B	Cosphaderm Touch	Heptyl Undecylenate	Emollient	3.00	Cosphatec
C	Cetiol Ultimate	Undecane (and) Tridecane	Emollient	5.00	BASF
D	Cosphaderm T-70 NON GMO ECO	Tocopherol (and) Helianthus Annuus (Sunflower) Seed Oil	Antioxidant	0.20	Cosphatec
D	Myrtle-Olive Oleoactif	Olea Europaea Fruit Oil (and) Myrtus Communis Leaf Extract (and) Olea Europaea Leaf Extract	Nourishing Antioxidant	1.00	Oléo
D	CP Oat Avenanthramides Extract	Avena sativa (Oat) Kernel Extract, Water, Glycerin, Potassium sorbate	Anti-irritation, Anti-inflammatory	0.50	Ceapro
D	Smooth Lightening White Rose S-Gly	Rosa Alba Leaf Cell Extract	Smoothing, Anti-aging	0.50	Naolys
D	BioScent Geranium Oil	Pelargonium Graveolens Flower Oil	Anti-inflammatory; astringent	0.20	BioOrganic Concepts

### Instructions:

- 1) Add Phase A ingredients one by one. Heat to 75°C
- 2) Premix B, heat to 75°C and add to A.
- 3) Add C at 55°C.
- 4) Add D at 40-45°C

**Specifications:** **Appearance:** Opaque viscous cream; **Odor:** Sweet Neroli Scent; **Color:** White; **pH** 7.1; **Viscosity:** 12,792 cps (LVT # T-C @ 3rpm, 1 min, 25°C)