

LUCAS MEYER COSMETICS – Wednesday 3 April – 14:30 – 15:30

Title: Lysofix™, the natural and elegant cold process emulsifier

Phase	% w/w	Amount in 300g	Trade Name	INCI	Function	Supplier
A	77,70	233,10	Deionized Water	Water	Vehicle	
	0,10	0,30	Dermofeel® PA-3	Sodium Phytate (and) Water (and) Alcohol	Chelating Agent	Dr Straetmans
	0,50	1,50	Satixane™ VPC 911	Xanthan Gum	Gelling Agent	Cargill
B	3,50	10,50	Lysofix™ Liquid	Glycerin (and) Lysolecithin	Emulsifier	Lucas Meyer Cosmetics
C	15,00	45,00	Saboderm® TCC	Caprylic/ Capric Triglyceride	Emollient	Sabo
	0,10	0,30	Vitapherole® E1000	Tocopherol (and) Helianthus Annuus (Sunflower) Seed Oil	Anti-Oxidant	Vitae Naturals
D	1,10	3,30	Verstatil® PC	Phenoxyethanol (and) Caprylyl Glycol	Preservative system	Dr Straetmans
E	2,00	6,00	Lecigel™	Sodium Acrylates Copolymer (and) Lecithin	Gelling Agent	Lucas Meyer Cosmetics
	100%	300 g	Total			

METHOD	1. Prepare phase A in 600 ml beaker by developing Xanthan gel under strong stirring (IKA Eurostar - 4-bladed propeller stirrer). Progressively increase speed from 400 rpm up to 1100 rpm along with viscosity increase.
	2. Incorporate phase B under medium stirring (IKA Eurostar- 4-bladed propeller stirrer- 850 rpm during 2 minutes)
	3. Prepare phase C in 100 ml beaker
	4. Incorporate phase C in Phase AB under strong stirring and emulsify with rotor/stator (IKA Ultra turrax – 10 min at 7400 rpm)
	5. Incorporate phase D under medium stirring (IKA Eurostar- 4-bladed propeller stirrer – 600/700 rpm)
	6. Incorporate phase E under strong stirring to develop the gel and to thicken the formula (IKA Eurostar- 4-bladed propeller stirrer – Progressively increase speed from 1100 rpm up to 1850 rpm along with viscosity increase.