



The LLC Emulsion

ID Main Emulsifier / ME.017
pH-value 6.18
Viscosity 43.200 mPa.s Brookfield, Spindle 94, 5 rpm
Product form O/W

	Ingredient	INCI-name	% w/w	Supplier
1	Deionised Water	Aqua	65.50	several
	Glycerin 99%	Glycerin	4.00	several
	Bentone Hydroclay 700	Hectorite, Xanthan Gum	1.00	Elementis
2	Sisterna SP30-C	Sucrose Distearate	3.00	Sisterna
	Sisterna SP70-C	Sucrose Stearate	1.00	Sisterna
	Cetearyl Alcohol	Cetearyl Alcohol	2.00	several
	Sweet Almond Oil	Prunus Amygdalus Dulcis (Sweet Almond) Oil	6.50	several
	Avocado Oil	Persea Gratissima (Avocado) Oil	7.00	several
	Joboba Oil	Simmondsia Chinensis (Jojoba) Seed Oil	6.50	several
	Tocomix L70-IP	Tocopherol, Helianthus Annuus (Sunflower) Seed Oil	0.05	Jan Dekker
3	Sensiva Go Natural	Caprylyl Glycol, Glyceryl Caprylate, Propanediol	1.15	Ashland
	Soyamine	Water, Butylene Glycol, Glycine Soja (Soybean) Germ Extract	2.00	TriBeauté
	Vibrant Herbs 261239	Parfum	0.30	Luzi
4	Citric Acid (20% solution)	Citric Acid	q.s.	several

Production method

1. Disperse the Bentone Hydroclay 700 into the glycerin.
2. Add the premix to (1) with propeller mixing at 500 rpm and stir during 20 minutes and heat to 75°C.
3. Heat (2) to 70°C.
4. Add (2) to (1) under stirring and homogenise for 15 minutes.
5. Cool down to 40°C and add (3) to (1+2).
6. Adjust pH with (4) if necessary.
7. Cool down to room temperature while stirring.