



World of Textures

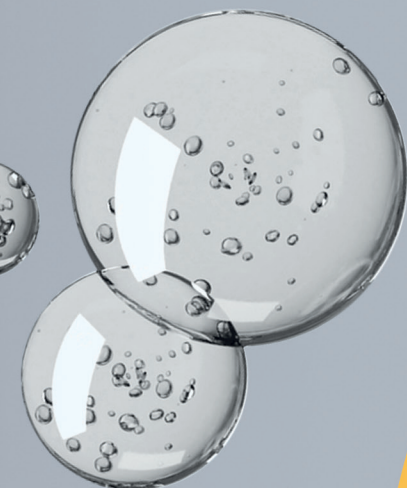
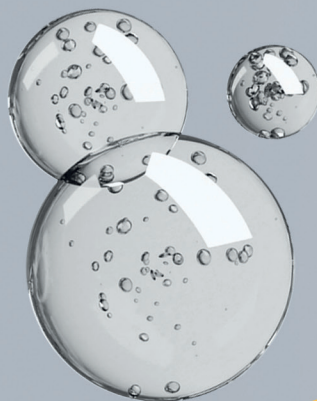


Sisterna® Sucrose Esters – Mild, Versatile & High-Performing

Sisterna® sucrose esters combine safety, mildness, and high performance, making them ideal for modern, eco-conscious formulations. These non-ionic emulsifiers create diverse textures—from sprays to butters—while enhancing sensory appeal, moisturisation and formulation efficiency.

Cold processable and multifunctional, they open the door to endless possibilities in skincare.

**Step into a
World of Textures
with Sisterna®
Sucrose Esters!**



Find your local distributor on www.sisterna.com

ME.019

Light & Soft Body Butter

ID	: Main Emulsifier / ME.019
pH-value	: 5.8
Viscosity	: 511.000 mPa.s Brookfield DV2T, Spindle 95, 5 rpm
Product form	: O/W

	Ingredient	INCI-name	% w/w	Supplier
1	Deionised Water	Aqua	46.60	several
	Glycerin	Glycerin	2.50	several
	Bentone Hydroclay 700	Hectorite, Xanthan Gum	0.75	Elementis
	Euxyl PE9010	Phenoxyethanol, Ethylhexylglycerin	0.90	Ashland
2	LIPEX® SheaSoft TR™	Butyrospermum Parkii (Shea) Butter	15.00	AAK
	Coconut Oil	Cocos Nucifera (Coconut) Oil	7.90	several
	Sunflower Wax	Helianthus Annuus (Sunflower) Seed Wax	8.00	Koster Keunen
	Sisterna A10E-C	Sucrose Tetrastearate Triacetate	5.00	Sisterna
	Sisterna SP70-C	Sucrose Stearate	2.00	Sisterna
	Sisterna SP30-C	Sucrose Distearate	2.00	Sisterna
	Caprylic/Capric Triglyceride	Caprylic/Capric Triglyceride	6.00	several
	Tocomix L70-IP	Tocopherol, Helianthus Annuus (Sunflower) Seed Oil	0.05	Jan Dekker
3	CefiraProtect	Betaine, Isomalt, Lactobacillus Ferment	3.00	CLR
	Touch Of Memories 343956-D	Lysate, Kefiran Parfum	0.30	Luzi

Production method

1. Disperse the Bentone Hydroclay 700 in the glycerin. Add to blend (of water and preservative) and mix with a propeller mixer at 500rpm for 10 minutes.
2. Heat (1) and (2) to 75°C.
3. Add (2) to (1) while homogenising.
4. Cool down to 40°C while continuously stirring and add (3) to (1+2) while homogenising shortly.
5. Cool down to room temperature under continuous stirring and adjust pH with (4) if necessary.

A rich body butter containing more than 20% of butters and waxes. The emulsifiers Sisterna SP30-C & Sisterna SP70-C and the oil thickener Sisterna A10E-C reduce the greasiness of these butters and solids. This also improves the spreadability and gives a lighter skin feel.

CE.006

Light Cream-to-Oil

ID	: Cold emulsification / CE.006
pH-value	: 5.41
Viscosity	: 16.200 mPa.s Brookfield DV2T, Spindle 93, 5 rpm
Product form	: O/W – Cold production

	Ingredient	INCI-name	% w/w	Supplier
1	Deionised Water	Aqua	30.10	several
	Optiphen BSB-W	Benzyl Alcohol, Aqua, Sodium Benzoate, Potassium Sorbate	1.00	Ashland
	Glycerin	Glycerin	5.00	several
	Clearogel SG	Sclerotium Gum	0.30	MMP
	Keltrol CG-SFT	Xanthan Gum	0.30	CP Kelco
2	VASLight	Undecane, Tridecane, Hydrogenated Olive Oil Unsaponifiables, Coco-Caprylate/Caprates	20.00	EFB Biotek
	Lipex SheaSolve	Shea Butter Ethyl Esters	20.00	AAK
	GSOLight	Vitis Vinifera (Grape) Seed Oil	19.80	EFB Biotek
	Sisterna SP70-C*	Sucrose Stearate	3.00	Sisterna
	Dermofeel Toco 70 Non-Gmo	Tocopherol, Helianthus Annuus (Sunflower) Seed Oil	0.20	Dr. Straetmans
	Argan Infusion (240046)	Parfum	0.30	Luzi
3	Citric Acid (10% Aq. Sol.)	Citric Acid	q.s.	several

* Alternative grade: [Sisterna PS750-C](#) (INCI: [Sucrose Palmitate](#)). Viscosity: 17.200 mPa.s

Production method

1. Disperse the Clearogel SG and Xanthan Gum into the glycerin while stirring.
2. Add the dispersion (1) into the water with preservative while stirring with a high shear mixer for 10 minutes.
3. Mix (2) in given order and homogenise until Sisterna SP70-C is well dispersed into the oil.
4. Add (2) into (1) while homogenising.
5. Adjust pH with (3) if necessary.

A gentle cream with a high percentage of light oils that gives a balanced oily sensation when applying it. This ensures a long playtime and a nice feeling of skin moisturisation, which is also a result of using Sisterna SP70-C.

GE.006

Good Night Facial Cleanser

ID	: Gel-to-milk / GE.006
pH-value	: Not Applicable
Viscosity	: 35.000 mPa.s Brookfield DV2T, Spindle 95, 5 rpm
Water activity (a_w)	: 0,44
Product form	: Gel-to-milk

	Ingredient	INCI-name	% w/w	Supplier
1	Glycerin 99% Sisterna SP70-C Sisterna L70-C Deionised water	Glycerin Sucrose Stearate Aqua, Sucrose Laurate, Alcohol Aqua	31.20 1.00 2.50 5.00	several Sisterna Sisterna several
2	Caprylic/Capric Triglyceride Natural Care (342791-A)	Caprylic/Capric Triglyceride Parfum	60.00 0.30	several Luzi

Production method

1. Disperse Sisterna SP70-C into the glycerin. Add other ingredients of (1) in given order.
2. Add (2) to (1) very slowly while homogenising.

Formulation prepared via concentrated emulsification procedure.

A facial cleanser that turns into a milk on the skin when in contact with water. Combining Sisterna SP70-C and Sisterna L70-C gives a lower viscosity which makes it easier to apply on the designated area. Washing of the gel, turning into a milk, gives a velvet-like after feel on the skin.

SE.011

Gel-Lotion Eye Serum

ID : Serum / SE.011
pH-value : 6.13
Viscosity : 20.400 mPa.s Brookfield DV2T, Spindle 94, 5 rpm
Product form : O/W Serum

	Ingredient	INCI-name	% w/w	Supplier
1	Glycerin 99% Sisterna SP70-C*	Glycerin Sucrose Stearate	8.00 2.00	several Sisterna
2	MOT - Maxi Olive 3T-Action	Olea Europaea (Olive) Oil Unsaponifiables, Tocopherol	3.00	EFB Biotek
	Active Lipo Extract Maqui	Helianthus Annuus (Sunflower) Seed Oil, Aristotelia Chilensis Fruit Extract, Tocopherol	3.00	Phenbiox
	Active Lipo Extract Olivo Foglie	Helianthus Annuus (Sunflower) Seed Oil, Olea Europaea Leaf Extract, Tocopherol	3.00	Phenbiox
	Active Lipo Extract The Verde	Helianthus Annuus (Sunflower) Seed Oil, Camellia Sinensis Leaf Extract, Tocopherol	3.00	Phenbiox
	Tocomix L70-IP	Tocopherol, Helianthus Annuus (Sunflower) Seed Oil	0.10	Jan Dekker
3	Deionised Water	Aqua	75.60	several
	Clearogel SG ECO	Sclerotium Gum	1.00	MMP
	Keltrol CG SFT V	Xanthan Gum	0.30	CP Kelco
	Euxyl PE9010	Phenoxyethanol, Ethylhexylglycerin	1.00	Ashland
4	Citric Acid (20%)	Citric Acid	q.s.	several

* Alternative grade: [Sisterna PS750-C](#) (INCI: [Sucrose Palmitate](#)). Viscosity: +/- 17.000 mPa.s

Production method

1. Disperse Sisterna SP70-C into the glycerin.
2. Add (2) to (1) and homogenise with a high shear mixer for 1 minute.
3. Slowly add the Clearogel SG ECO and Keltrol CG SFT-V to the blend of water with preservative under medium shear. Then mix at the highest possible shear for 10 minutes.
4. Add oil in glycerin emulsion (1+2) to (3) while mixing.
5. Adjust pH if necessary with (4).

Formulation prepared via concentrated emulsification procedure.

Making an emulsion with an oil-in-glycerin intermediate emulsification step enables the formation of oil droplet sizes of 0.3 micrometer. This production method is excellent for dosing oil actives which will be boosted, enabling a better skin penetration, creating extremely effective serums.

BENEFITS OF SUCROSE ESTERS



High quality



Covering a wide range of HLB values



Non-ionic



Ethylene oxide
or PEG free



Edible + neutral
in taste and odour



Skinfeel modifier



Natural and easily
biodegradable



Non-irritant
properties

