

 **SISTERNA[®]** SUCROSE ESTERS

*Indulge yourself
in luxury
with Sisterna
sucrose esters*



Guide Formulations 2018

Chocolate-Orange Body Mousse



ID	: Main emulsifier / ME.007
pH-value	: 7.0
Viscosity	: 80.000 mPa.s Brookfield DV-1+, Helipath Spindle T-C, 5 rpm
Density	: 0.5 g/ml
Product form	: O/W Mousse

	Ingredient	INCI-name	% w/w	Supplier
1	Deionised water	Aqua	68.47	several
	Glycerin (99%)	Glycerin	5.00	several
	Avicel PC611	Microcrystalline Cellulose, Cellulose Gum	0.50	FMC Biopolymer
	Brown Color	CI 14700, CI 19140, CI 17200, Sodium Sulfate	0.05	Sensient
	Colorona Bright Gold	Mica, CI 77891, CI 77491	0.03	Merck
2	Sistema SP70-C	Sucrose Stearate	2.00	Sistema
	Sistema SP30-C	Sucrose Distearate	2.00	Sistema
	Kelcogel CG-HA	Gellan Gum	0.15	CP Kelco
	Methocel A4M	Methyl Cellulose	0.10	Dow
	Keltrol CG-SFT	Xanthan Gum	0.20	CP Kelco
3	Lipex Cocosoft	Theobroma Cacao (Cocoa) Seed Butter	15.50	AAK
	Perilla Oil MM	Perilla Ocymoides Seed Oil	4.00	MMP
	Cetearyl Alcohol	Cetearyl Alcohol	0.50	several
4	Euxyl PE9010	Phenoxyethanol, Ethylhexylglycerin	1.00	Schülke
	Vitamin E Acetate	Tocopheryl Acetate	0.10	several
	Luteolil 98 MM	Citrus Reticulata (Tangerine) Peel Extract	0.10	MMP
	Orange Cream (342283)	Parfum	0.30	Luzi

Production method

- Disperse Avicel PC611 in water of (1) and shear with high shear mixer for 10 minutes. Then add other ingredients of (1).
- Add (2) to (1) and heat to 85°C.
- Heat (3) to 85°C.
- Add (3) to (1+2) while homogenising with a high shear mixer for 3 minutes.
- Cool down to 20°C while stirring slowly. Then add ingredients of (4).
- Whip emulsion with a Hobart (batch aeration equipment) until a density of 0.5 is reached.
(approx. 1-3 minutes, depending on batch size) or use Mondomix (continuous aeration equipment).

Legal Notice: Neither Sistema nor its distributors represent or warrant patent freedom to operate. Whether specific uses of sucrose esters in specific formulations could result in an allegation of patent infringement is an issue that our customers should consider with their own legal counsel. Since sucrose esters have a wide variety of uses, this presentation should not be viewed as an inducement to infringe the intellectual property rights of any third party.

Golden In-Shower Butter Gel



ID : Gel-to-milk / GE.007
pH-value : Not applicable
Viscosity : 29.100 mPa.s Brookfield DV2T, Spindle 93, 20 rpm
Product form : Gel-to-milk

	Ingredient	INCI-name	% w/w	Supplier
1	Glycerin (99.5%) Sisterna PS750-C Sisterna L70-C	Glycerin Sucrose Palmitate Aqua, Sucrose Laurate, Alcohol	34.30 2.00 3.00	several Sisterna Sisterna
2	Cupuacu Butter Refined Jojoba Oil Golden Dermafeel Toco 70 non-GMO	Theobroma Grandiflorum Seed Butter Simmondsia Chinensis (Jojoba) Seed Extract Tocopherol, Helianthus Annuus (Sunflower) Seed Oil	20.00 40.00 0.20	Expanscience several Dr. Straetmans
3	Reggae Summer (353178-A)	Parfum	0.50	Luzi

Production method

1. Disperse Sisterna PS750-C into the glycerin. Add Sisterna L70-C. Heat to 75°C.
2. Mix (2) and heat to 75°C.
3. Add (2) to (1) slowly, while homogenising.
4. Cool down to 35°C and add (3).
5. Cool down to 25°C while stirring.

Formulation prepared via concentrated emulsification procedure.

Rejuvenating Eye Serum

ID : Spray & Wipe / SE.004
pH-value : 6 - 6.5
Viscosity : 5.700 mPa.s Brookfield DV2T, Spindle 93, 10 rpm
Product form : O/W



	Ingredient	INCI-name	% w/w	Supplier
1	Glycerin (99%) Sisterna PS750-C	Glycerin Sucrose Palmitate	5.00 1.00	several Sisterna
2	Camellia Oil Vitamine F Forte Tocomix L70-IP Lavande Figue (232902-A)	Camellia Oleifera Seed Oil Linoleic Acid, Linolenic Acid Tocopherol, Helianthus Annuus (Sunflower) Seed Oil Parfum	2.50 2.00 0.10 0.15	MMP CLR Jan Dekker Luzi
3	Deionised water Amigel	Aqua Sclerotium Gum	71.50 1.25	several Alban Muller
4	Veigeluron Gel Juveneye Probiobalance Euxyl PE9010	Aqua, Propanediol, Tremella Fuciformis (Mushroom) Extract, Gluconolactone Bellis Perennis (Daisy) Flower Extract, Hieracium Pilosella (Hawkweed) Extract Aqua, Lactose, Milk Protein, Bifida Ferment Lysate Phenoxyethanol, Ethylhexylglycerin	7.50 3.00 5.00 1.00	MMP CLR CLR Schülke
5	NaOH (50% solution)	Sodium Hydroxide, Aqua	q.s.	several

Production method

1. Disperse Sisterna PS750-C into the glycerin (1).
2. Add (2) to (1) and homogenise with a high shear mixer for 1 minute.
3. Add Amigel to the cold water of (3) and shear for 10 minutes with a high shear mixer until fully incorporated.
4. Add oil in glycerin emulsion (1+2) to (3) while mixing.
5. Add (4) and adjust pH if necessary with (5).

Formulation prepared via concentrated emulsification procedure.

Delicate Tinted Powdery Balm



ID : Anhydrous / AS.005
pH-value : Not applicable
Viscosity : Wax-like balm
Product form : Anhydrous powder-like balm

	Ingredient	INCI-name	% w/w	Supplier
1	Sericite GMS-4C	Mica	4.90	Kobo
	DSPCS/20N-I2	Silica, Ethylene/Methacrylate Copolymer, Isopropyl Titanium Triisostearate	2.50	Kobo
	Amihope® LL	Lauryl Lysine	5.00	Ajinomoto
2	Eldew® SL 205	Isopropyl Lauroyl Sarcosinate	8.50	Ajinomoto
	Dermofeel® BGC	Butylene Glycol Dicaprylate/Dicaprate	10.40	Dr. Straetmans
	Schercemol™ LL	Lauryl Lactate	6.60	Lubrizon
	Schercemol™ DIS	Diisopropyl Sebacate	8.00	Lubrizon
	Lipex Shea Tris™	Butyrospermum Parkii Butter Extract	1.00	AAK
	Tocomix L70-IP	Tocopherol, Helianthus Annuus (Sunflower) Seed Oil	0.045	Jan Dekker
	Glucate DO™	Methyl Glucose Dioleate	4.50	Lubrizon
	PM WAX 82	Polyethylene, Microcrystalline Wax	4.00	Kobo
BRB TMS-30D	Dimethicone, Trimethylsiloxysilicate	3.00	BRB	
	Sistema AIOE-C	Sucrose Tetraostearate Triacetate	7.50	Sistema
3	BRB DM 55	Dimethicone	8.55	BRB
	BRB SG 516	Dimethicone, Dimethicone/Vinyl Dimethicone Crosspolymer	6.00	BRB
4	Dispersions INBP	Pigment, Isononyl Isononanoate, Isopropyl Myristate, Stearalkonium Hectorite, Isopropyl Titanium Triisostearate, Propylene Carbonate, Polyhydroxystearic Acid	14.00	Kobo
5	BRB PMS-5	Polymethylsilsesquioxane	5.00	BRB
	KTZ® Diamond Bright	Mica, Titanium Dioxide	0.50	Kobo

Production method

1. Heat (2) to 75°C under agitation.
2. Homogenise (3).
3. Add (3) to (2) and homogenise. Add (4) to (3+2) and homogenise.
4. Slowly add (1) to (3+2+4) while homogenising.
5. At 50°C add (5) and fill the fluid into the final packaging.

Sisterna introduces
4 new pampering
formulation ideas
with sucrose esters



Chocolate-Orange Body Mousse

Everybody knows that chocolate is a women's best friend (...and maybe also a man's...). But why limit yourself by only eating it? There are other ways you can use chocolate to treat yourself. Our Chocolate Body Mousse moisturises your skin and makes it silky soft, giving you the luxury feeling you deserve.

Golden In-Shower Butter Gel

If you want to replenish your skin while showering, then choose for this In-Shower Butter Gel formulation. This golden gel-to-milk concept nourishes your skin and gives it a velvet after-feel.

Delicate Tinted Powdery Balm

A tinted anhydrous balm with a melting texture that provides a delicate silky result and makes you look fabulous. The easy spreadability and surprising sensory skin-feel gets you ready to shine at every occasion.

Rejuvenating Eye Serum

The eyes are the mirror of the soul. So take good care of the eye-contours if you want to show off your eyes even better. This eye serum smoothens the skin and gives a soft feeling. It improves the elasticity of the skin by giving a good moisturisation, resulting in an all-day glamorous look.



Benefits of sucrose esters

Based on natural, renewable and non-GMO raw materials.

- ✓ High quality
- ✓ Easily biodegradable
- ✓ Non-ionic
- ✓ Ethylene oxide or PEG free
- ✓ Covering a wide range of HLB values
- ✓ Neutral in taste and odour
- ✓ Edible
- ✓ Non-irritant properties
- ✓ Skin feel modifier

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