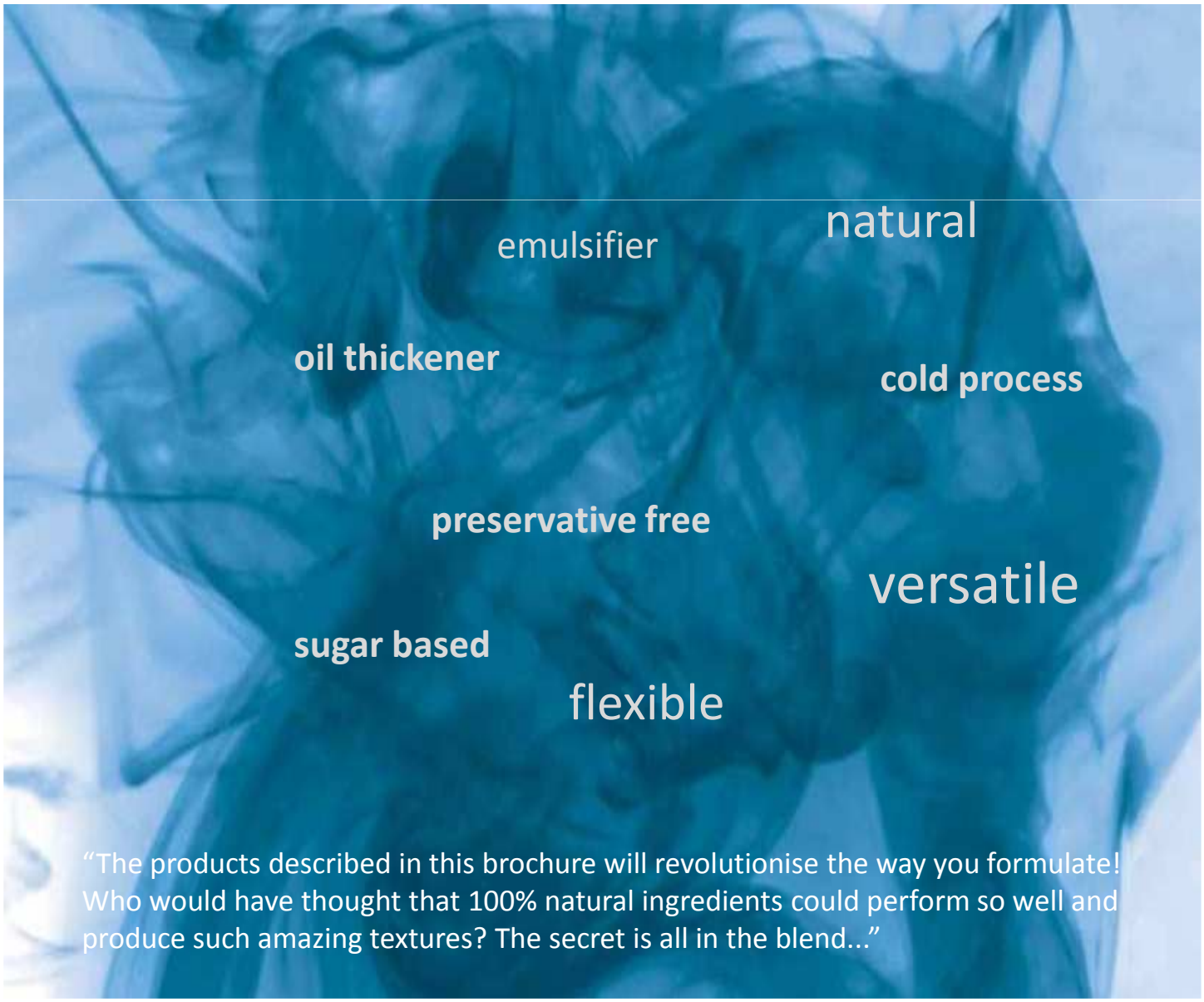
Sucragel CF
Sucragel AOF/AOF Bio
Sucragel AP

ALFA Chemicals Ltd

Sucragel Formulations Guide



"The products described in this brochure will revolutionise the way you formulate! Who would have thought that 100% natural ingredients could perform so well and produce such amazing textures? The secret is all in the blend..."

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Organic Bath Cream
AOF Bio 134

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel AOF Bio	*Glycerin & Prunus Amygdalus Dulcis (Sweet Almond) Oil & Sucrose Laurate & Citrus Aurantium Dulcis (Orange) Fruit Water*	15.00	Alfa Chemicals
B	Sunflower Oil Organic	*Helianthus Annuus (Sunflower) Seed Oil*	30.00	Interaxion
B	Safflower Oil Organic	*Carthamus Tinctorius Seed Oil*	19.0	Interaxion
B	Cocoa Butter Organic	*Theobroma Cacao Seed Butter*	6.0	Phoenix Natural Products
C	Surfhope C1215L	*Aqua & Sucrose Laurate & Alcohol*	20.0	Mitsubishi
C	Glycerin Organic	*Glycerin*	7.95	Interaxion
D	Lavender Essential Oil Organic	*Lavandula Angustifolia herb oil*	0.6	Interaxion
D	Geranium essential Oil Organic	*Pelargonium Graveolens Flower Oil*	0.4	Interaxion
D	Chamomile essential Oil Organic	*Anthemis Nobilis Flower oil*	0.05	Interaxion
D	Euxyl K700	*Phenoxyethanol & Benzyl alcohol & Potassium sorbate & Water & Tocopherol*	1.0	Schulke & Mayre

APPEARANCE:
White creamy liquid

MANUFACTURING PROCESS:
Heat phase A to 70°C
Heat phase B in a separate beaker to 70°C
Slowly, add phase B into under propeller mixer at quite a fast speed.
Cool to room temperature.
Stir phase C into the Gel.
Use the homogeniser to mix in phase D.

STABILITY TESTS:
Stable for 1 month at 45°C

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Blooming Bath Oil 001 AOF/CF

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel AOF	*Glycerin & Prunus dulcis (Sweet Almond) Oil & Sucrose Laurate & Aqua*	99.00	Alfa Chemicals
B	Neroli Essential oil	*Citrus aurantium flower oil*	0.2	Products
B	Mandarin Essential Oil	*Citrus nobilis peel oil*	0.5	Products
B	Chamomile Essential Oil	*Anthemis nobilis flower oil*	0.2	Products
B	Pine Essential Oil	*Abies alba needle oil*	0.1	Products

APPEARANCE:
Clear yellow liquid.

MANUFACTURING PROCESS:
Add the essential oils to the Sucragel AOF at room temperature using a propeller stirrer.

STABILITY TESTS:
Stable at least 2 months at 45°C

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Multigel to Milk CF

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel CF	*Glycerin & Carpylic/Capric Triglyceride & Aqua & Sucrose Laurate*	20.0	Alfa Chemicals
A	Surfhope C1616	*Sucrose Palmitate*	1.5	Mitsubishi
B	Labrafac CC	*Caprylic/Capric Triglyceride*	77.5	Gattefossé
C	Water	*Water*	1.0	-

APPEARANCE:
Clear oily gel

MANUFACTURING PROCESS:
Mix together Phase A and heat to 70°C (avoid the hot plate which might heat too much and caramelize the Surfhope).
Heat Phase B in a separate beaker to 70°C .
Start the propeller in Phase A at quite a fast speed and then slowly add Phase B into the mixture.
Adjust the stirring speed upon the viscosity of the gel (it should increase as the oil is added).
Allow cooling down to room temperature and add Phase C.

STABILITY TESTS:
Stable at least 4 months at 45°C.
(Note: the gel turns translucent at 45°C)

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Natural Multigel to Milk AOF

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel AOF	*Glycerin & Prunus dulcis (Sweet Almond) Oil & Sucrose Laurate & Aqua*	25.0	Alfa Chemicals
B	Olive Oil	*Olea europaea (olive) fruit oil*	74.9	Provided
B	Natural Vitamin E	*Tocopherol*	0.1	BTSA

APPEARANCE:
Clear oily gel

MANUFACTURING PROCESS:
Have the Sucragel AOF under the propeller mixer at quite a fast speed.
Mix together phase B. Slowly add Phase B into the Sucragel AOF at room temperature.
Adjust the stirring speed upon the viscosity of the gel (it should increase as the oil is added).

STABILITY TESTS:
Stable at least 3 months at 45°C.

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I Can't Believe it IS Butter!
063 CF

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel CF	*Glycerin & Carpylic/Capric Triglyceride & Aqua & Sucrose Laurate*	25.0	Alfa Chemicals
A	Surfhope C1616	*Sucrose Palmitate*	2.0	Alfa Chemicals
B	Shea Butter	*Butyrospermum parkii*	42.00	ISP
B	Activeshine Amazon	*Orbignya speciosa kernel oil & Astrocarium murumuru butter*	17.00	Chemyunion
B	Labrafac CC	*Caprylic/Capric Triglyceride*	13.9	Gattefossé
B	Natural Vitamin E	*Tocopherol*	0.1	BTSA

APPEARANCE:
Transparent oily gel

MANUFACTURING PROCESS:
Mix together Phase A and heat to 70°C (avoid the hot plate which might heat too much and caramelize the Surfhope).
Mix together Phase B and heat to 70°C
Start the propeller in phase A at quite a fast speed and then very slowly add phase B.
Adjust the stirring speed upon the viscosity of the gel (it should increase as the oil is added).
Cool to room temperature.

STABILITY TESTS:
Stable at least 3 months at 45°C.

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Day Cream 049 CF

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel CF	*Glycerin & Carpylic/Capric Triglyceride & Aqua & Sucrose Laurate*	6.0	Alfa Chemicals
A	Cetiol 868	*Octyl stearate*	20.0	Cognis
A	Lanette 16	*Cetyl alcohol*	2.0	Cognis
A	Alcohol 260	*Cetearyl alcohol*	1.0	Lasem
A	Chemyforest Cupuacu	*Theobroma Grandifolium seed butter*	2.0	Chemyunion
A	Natural Vitamin E	*Tocopherol*	0.1	BTSA
B	Water	*Water*	65.8	
B	Jaguar HP-105	*Hydroxypropyl guar*	1.0	Rhodia
B	Rhodicare T	*Xanthan gum*	0.4	Rhodia
C	Euxyl K700	*Phenoxyethanol & Benzyl alcohol & Potassium sorbate & Water & Tocopherol*	1.0	Schulke
C	Lemon Secrets	*Citrus medica limonum (lemon) fruit extract*	0.5	Gattefossé
C	Fashion Soin	*Fragrance*	0.2	Aromax

APPEARANCE:
White cream

MANUFACTURING PROCESS:
Disperse the gums in the water and heat this mixture up to 70°C.
Mix together phase A and heat up to 70°C.
Add phase A into phase B under a homogeniser.
Keep on stirring until homogeneous.
Cool down to room temperature and finally add phase C.

STABILITY TESTS:
Stable at least 3 months at 45°C.
pH = 5.5

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Cold Process Cream 047 CF

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel CF	*Glycerin & Carpylic/Capric Triglyceride & Aqua & Sucrose Laurate*	6.0	Alfa Chemicals
A	Cetiol 868	*Octyl stearate*	20.0	Cognis
A	Natural Vitamin E	*Tocopherol*	0.1	BTSA
B	Water	*Water*	70.8	---
B	Jaguar HP-105	*Guar gum*	1.0	Rhodia
B	Rhodicare T	*Xanthan gum*	0.4	Rhodia
C	Euxyl K700	*Phenoxyethanol & Benzyl alcohol & Potassium sorbate & Water & Tocopherol*	1.0	Schulke
C	Lemon Secrets	*Citrus medica limonum (lemon) fruit extract*	0.5	Gattefossé
C	Fashion Soin	*Fragrance*	0.2	Aromax

APPEARANCE:
White cream

MANUFACTURING PROCESS: (cold process)
Disperse the gums in the water
Mix together phase A
Add phase A into phase B under the homogeniser.
Keep on stirring until homogeneous.
Finally add phase C.

STABILITY TESTS:
Stable at least 3 months at 45°C.
pH = 5.5

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Micro-lite Intensive Spray 135 CF

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel CF	*Glycerin & Carpylic/Capric Triglyceride & Aqua & Sucrose Laurate*	5.25	Alfa Chemicals
B	Petroleum Gel	*Petrolatum*	14.0	Phoenix Natural Products
B	Lanolin Wax	Lanolin Wax	1.50	NK Chemicals
B	Light Liquid Paraffin	*Paraffinum Liquidum*	14.0	NK Chemicals
C	Water	*Aqua*	64.31	-
C	Kelcogel ® CG-HA	*Gellan gum*	0.04	CP Kelco
D	Euxyl PE9010	*Phenoxyethanol & ethylhexylglycerin*	0.60	Schulke & Mayre

APPEARANCE:
White sprayable solution

MANUFACTURING PROCESS:
Heat phase A to 70°C
Heat phase B in another beaker to 70°C.
Start the propeller in the Sucragel CF at quite a fast speed and then add the phase B slowly into the mixture.
Adjust the stirring speed upon the viscosity of the gel (it should increase as the oil is added).
Heat the water to 70°C
Disperse the gellan gum into the water phase using a homogeniser.
Add the gel into the phase C under homogeniser to form a thin white solution.
When cooled add phase D.

STABILITY TESTS:
On Stability at 45°C

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Edible Gel 121 CF

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel CF	*Glycerin & Carpylic/Capric Triglyceride & Aqua & Sucrose Laurate*	15.0	Alfa Chemicals
A	Surfhope C1616	*Sucrose Palmitate*	2.5	Alfa Chemicals
A	Glycerin	*Glycerin*	17.0	Phoenix Natural Products
B	Grapeseed Oil	*Vitis Vinifera (Grape) Seed Oil*	65.4	Provided
C	Rosemary Extract	*Helianthus Annuus (Sunflower) Seed Oil & Rosmarinus Officinalis (Rosemary) Leaf Extract*	0.1	Gattefossé

APPEARANCE:
Translucent yellow/green oily gel

MANUFACTURING PROCESS:
Mix together the phase A and heat to 70°C (avoid the hot plate which might heat too much and caramelize the Surfhope).
Mix together phase B and heat to 70°C
Start the propeller in phase A at quite a fast speed and then slowly add phase B.
Adjust the stirring speed upon the viscosity of the gel (it should increase as the oil is added).
When it has cooled to room temperature add Phase C.

STABILITY TESTS:
Stable at least 2 months at 45°C.
(Note: the gel turns clear at 45°C)

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Fluid Cleanser 128 CF

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel CF	*Glycerin & Carpylic/Capric Triglyceride & Aqua & Sucrose Laurate*	30.0	Alfa Chemicals
A	Surfhope C1616	*Sucrose Palmitate*	1.5	Alfa Chemicals
B	Labrafac CC	*Caprylic/Capric Triglyceride*	67.5	Gattefossé
C	Water	*Water*	1.0	---

APPEARANCE:
Hazy fluid oily gel

MANUFACTURING PROCESS:
Mix together Phase A and heat to 70°C (avoid the hot plate which might heat too much and caramelize the Surfhope).
Heat Phase B in a separate beaker to 70°C .
Start the propeller in Phase A at quite a fast speed and then slowly add Phase B into the mixture.
Adjust the stirring speed upon the viscosity of the gel (it should increase as the oil is added).
Allow cooling down to room temperature and add Phase C.

STABILITY TESTS:
Stability is being monitored at 45°C

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Fossil Salt Scrub 059 AOF

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel AOF	*Glycerin & Prunus dulcis (Sweet Almond) Oil & Sucrose Laurate & Aqua*	20.0	Alfa Chemicals
B	Olive Oil	*Olea europaea (olive) fruit oil*	63.5	Provided
C	Rubies Fossil Salt <0.7mm	*Sodium chloride & potassium chloride & magnesium chloride & calcium sulphate*	16.0	Gaiamare
C	Sweet Orange Essential Oil	*Citrus aurantium dulcis*	0.5	Phoenix Natural Products

APPEARANCE:
Thick oily gel containing natural rock salt, pink/orange color (crystals from colorless to red)

MANUFACTURING PROCESS:
Start the propeller in phase A at quite a fast speed and then slowly add phase B into the mixture.
Adjust the stirring speed upon the viscosity of the gel (it should increase as the oil is added).
Mix together phase C and stir into the gel.

PROPERTIES:
Body scrub which turns into milk when rinsed off or when used upon wet skin.

STABILITY TESTS:
In progress

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Light Lotion 060 CF

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel CF	*Glycerin & Carpylic/Capric Triglyceride & Aqua & Sucrose Laurate*	6.0	Alfa Chemicals
A	Cetiol 868	*Octyl stearate*	20.0	Cognis
A	Lipocire A	*Hydrogenated palm kernel glycerides & hydrogenated palm glycerides*	5.0	Gattefossé
B	Jaguar HP-105	*Hydroxypropyl guar*	1.0	Rhodia
B	Rhodicare T	*Xanthan gum*	0.4	Rhodia
B	Water	*Water*	66.6	
C	Euxyl K700	*Phenoxyethanol & Benzyl alcohol & Potassium sorbate & Water & Tocopherol*	1.0	Schulke

APPEARANCE:
White Light Lotion

MANUFACTURING PROCESS:
Mix together Phase A and heat to 70°C.
Disperse the gums in the water and heat to 70°C.
Add phase A to phase B using a homogeniser.
Cool down to room temperature and add phase C

STABILITY TESTS:
Stable at least 5 months at 45°C.
pH = 5.0

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Nourishing Cream 062 CF

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel CF	*Glycerin & Carpylic/Capric Triglyceride & Aqua & Sucrose Laurate*	10.0	Alfa Chemicals
A	Labrafac CC	*Caprylic/Capric Triglyceride*	10.0	Gattefossé
A	Lipocire A	*Hydrogenated palm kernel glycerides & hydrogenated palm glycerides*	5.0	Gattefossé
A	BR Forest	*Astrocaryum murumuru butter*	5.0	Chemyunion
A	Fancor Abyssinian Oil	*Crambe Seed Oil*	5.0	Fancor
A	Rice Bran Oil	*Oryza Sativa (Rice) Bran Oil*	2.0	Fancor
A	Lanette 16	*Cetyl alcohol*	1.0	Cognis
A	Cutina GMS-SE	*Glyceryl stearate SE*	1.0	Cognis
A	Natural Vitamin E	*Tocopherol*	0.1	BTSA
B	Natrasol 250 HHR	*Hydroxyethyl cellulose*	1.5	Rhodia
B	Rhodicare T	*Xanthan gum*	0.3	Rhodia
B	Water	*Water*	57.3	
C	Euxyl K700	*Phenoxyethanol & Benzyl alcohol & Potassium sorbate & Water & Tocopherol*	1.0	Schülke & Mayr
C	Lemon Secrets	*Citrus medica limonum (lemon) fruit extract*	0.3	Gattefossé
C	Nirvana Soin ARX/30214	*Fragrance*	0.5	Aromax

APPEARANCE:
Thick white cream

MANUFACTURING PROCESS:
Disperse the gums of phase B in water.
Heat phases A and B up to 70°C.
Add phase A into phase B using a homogeniser.
Cool down to room temperature under moderate mixing and add phase C

STABILITY TESTS:
Stable at least 3 months at 45°C.
pH = 5.5

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Easi-rinse Facial Polish AOF

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel AOF	*Glycerin & Prunus dulcis (Sweet Almond) Oil & Sucrose Laurate & Aqua*	25.0	Alfa Chemicals
B	Olive Oil	*Olea europaea (olive) fruit oil*	72.9	Provided
B	Natural Vitamin E	*Tocopherol*	0.1	BTSA
C	Olive Exfoliator 500	*Olea europea (Olive) seed*	2.0	Lessonia

APPEARANCE:
Clear oily gel with small exfoliating particles

MANUFACTURING PROCESS:
Have the Sucragel AOF under the propeller mixer at quite a fast speed.
Mix together phase B. Slowly add Phase B into the Sucragel AOF at room temperature.
Adjust the stirring speed upon the viscosity of the gel (it should increase as the oil is added).
Stir in phase C.

STABILITY TESTS:
Stable for at least 3 month at 45°C

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Sparkling Gel 066 CF

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel CF	*Glycerin & Carpylic/Capric Triglyceride & Aqua & Sucrose laurate*	20.0	Alfa Chemicals
A	Surfhope C1616	*Sucrose Palmitate*	1.5	Alfa Chemicals
B	Cetiol 868	*Octyl stearate*	77.0	Cognis
C	Nirvana Soin ARX/30214	*Fragrance*	0.5	Aromax
C	Flamenco Sparkle Gold 220J	*Mica & Titanium dioxide*	0.5	BASF
C	Timica Extra Large Sparkle 110S	*Mica & Titanium dioxide*	0.5	BASF

APPEARANCE:
Sparkling oily gel

MANUFACTURING PROCESS:
Mix together phase A and heat to 70°C (avoid the hot plate which might heat too much and caramelize the Surfhope).
Heat the Cetiol 868 up to 70°C in a separate beaker.
Start the propeller in phase A at quite a fast speed and then add the Cetiol 868 slowly into the mixture.
Adjust the stirring speed upon the viscosity of the gel (it should increase as the oil is added).
Allow cooling down to room temperature and stir in phase C.

STABILITY TESTS:
Stable at least 3 months at 45°C.

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Butter Mist 130 CF

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel CF	*Glycerin & Carpylic/Capric Triglyceride & Aqua & Sucrose Laurate*	8.00	Alfa Chemicals
B	Shea Butter	*Butyrospermum parkii*	13.34	ISP
B	Activeshine Amazon	*Orbignya speciosa kernel oil & Astrocarium murumuru butter*	5.00	Chemyunion
B	Labrafac CC	*Caprylic/Capric Triglyceride*	4.00	Gattefossé
C	Water	*Aqua*	68.70	-
C	Kelcogel ® CG-HA	*Gellan gum*	0.06	CP Kelco
D	Euxyl K700	*Phenoxyethanol & Benzyl alcohol & Potassium sorbate & Water & Tocopherol*	0.90	Schulke

APPEARANCE:
White sprayable solution

MANUFACTURING PROCESS:
Heat phase A to 70°C
Heat phase B in another beaker to 70°C.
Start the propeller in the Sucragel CF at quite a fast speed and then add the phase B slowly into the mixture.
Adjust the stirring speed upon the viscosity of the gel (it should increase as the oil is added).
Heat the water to 70°C
Disperse the gellan gum into the water phase using a homogeniser.
Add the gel into the phase C under homogeniser to form a thin white solution.
When cooled add phase D.

STABILITY TESTS:
Stable for at least 1 month at 45°C

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Sugar Scrub 119 AOF

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel AOF	*Glycerin & Prunus dulcis (Sweet Almond) Oil & Sucrose Laurate & Aqua*	15.0	Alfa Chemicals
B	Sunflower Oil	*Helianthus Annuus (Sunflower) Seed Oil*	50.0	Provided
C	Crystallized Sugar	*Sucrose*	35.0	Provided

APPEARANCE:
Thick oily gel containing crystallized sugar

MANUFACTURING PROCESS:
At room temperature start the propeller in the Sucragel AOF at quite a fast speed then add the sunflower oil slowly into the Sucragel AOF.
Adjust the stirring speed upon the viscosity of the gel (it should increase as the oil is added).
Then add then the crystallized sugar under stirring.

PROPERTIES:
Body scrub which turns into milk when rinsed off or when used upon wet skin.

STABILITY TESTS:
Stable for at least 1 month at 45°C

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Natural Hair Mask

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel AOF	*Glycerine & Prunus dulcis (Sweet Almond) Oil & Sucrose Laurate & Aqua*	25.0	Alfa Chemicals
B	Abysinnian Oil	*Crambe Abyssinica Seed Oil*	2.0	Fancor
B	Activeshine Amazon	*Orbignya speciosa kernel oil & Astrocarium murumuru butter*	5.0	Chemyunion
B	Shea Butter	*Butyrospermum parkii*	5.0	Interaxion
B	Sunflower Oil	*Helianthus Annuus (Sunflower) Seed Oil*	45.3	-
B	Apricot Oil	*Prunus Armeniaca (Apricot) Kernel Oil*	20.0	Interaxion
B	Coconut Oil	*Cocos Nucifera (Coconut) oil*	2.0	Phoenix Natural Products
B	Rosemary Oily Extract	*Helianthus Annuus (Sunflower) Seed oil (and) Rosmarinus Officinalis (Rosemary) Leaf Extract*	0.1	Gattefosse
B	Natural Vitamin E	*Tocopherol*	0.1	BTSA
C	Hesperide Natflor RS26074	*Fragrance*	0.5	Technico Natflor

APPEARANCE:
Yellow oily gel which emulsifies on contact with water

MANUFACTURING PROCESS:
Heat Phase A to 70°C
Heat Phase B to 70°C
Using a propeller stirrer, slowly add Phase B into the Phase A mixing vigorously
Adjust the stirring speed upon the viscosity of the gel (it should increase as the oil is added).
Continue stirring until cool.
When cooled to room temperature add phase C.

STABILITY TESTS:
On stability at 45°C

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Natural Leave-in Conditioner

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel AOF	*Glycerine & Prunus dulcis (Sweet Almond) Oil & Sucrose Laurate & Aqua*	6.0	Alfa Chemicals
B	Abysinnian Oil	*Crambe Abyssinica Seed Oil*	1.0	Fancor
B	Activeshine Amazon	*Orbignya speciosa kernel oil & Astrocarium murumuru butter*	2.0	Chemyunion
B	Shea Butter	*Butyrospermum parkii*	3.0	Interaxion
B	Sunflower Oil	*Helianthus Annuus (Sunflower) Seed Oil*	14.0	-
B	Natural Vitamin E	*Tocopherol*	0.1	BTSA
C	Water	*Aqua*	72.64	-
C	Kelcogel ® CG-HA	*Gellan gum*	0.06	CP Kelco
D	Euxyl K700	*Phenoxyethanol & Benzyl alcohol & Potassium sorbate & Water & Tocopherol*	0.90	Schulke
D	Hesperide Natflor RS26074	*Fragrance*	0.3	Technico Natflor

APPEARANCE:
White sprayable emulsion

MANUFACTURING PROCESS:
Heat phase A to 70°C
Heat phase B in another beaker to 70°C.
Using a propeller stirrer, slowly add Phase B into the Phase A mixing vigorously
Adjust the stirring speed upon the viscosity of the gel (it should increase as the oil is added).
Heat the water to 75°C
Disperse the gellan gum into the water phase using a homogeniser.
Add the oily gel into phase C using a homogeniser to form a thin white solution.
When cooled to room temperature add phase D.

STABILITY TESTS:
On stability at 45°C

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Sun Spray SPF 30

Phase	Ingredient	INCI designation	% w/w
A	Sucragel AP	*Glycerin & Water & Sucrose Laurate & Alcohol & Sucrose Myristate*	5.4
B	Escalol 517	Butyl Methoxydibenzoylmethane	2.0
B	Escalol 557	Ethylhexyl Methoxycinnamate	7.5
B	Escalol 567	Benzophenone-3	3.0
B	Vitamin E Acetate	Vitamin E Acetate	0.1
B	Paraffin Oil	Paraffin Oil	4.0
B	Eusolex 6300	4-Methyl Benzlidenecamphor	1.5
B	Lexfilm Sun	Polyester-7 (and) Neopentyl Glycol Diheptanoate	1.5
C	Water	*Aqua*	73.94
C	Kelcogel ® CG-HA	*Gellan gum*	0.06
D	Euxyl K700	Phenoxyethanol,benzyl alcohol, potassium sorbate	1.0

APPEARANCE:
White thin liquid

MANUFACTURING PROCESS:
Heat the Sucragel AP to 70°C
Mix together phase B and heat to 70°C
Slowly, add phase B into the Sucragel under propeller mixer at quite a fast speed to form a gel.
Disperse the gellan gum in the water. Heat this mixture up to 70°C.
Add the gel made with phase A & B into phase C using a homogeniser
Cool down to room temperature and finally add phase D.

STABILITY TESTS:
On Stability at 45°C. (27-08-10)

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Clear Gel

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel AP	*Glycerine (and) Aqua (and) Sucrose Laurate (and) Alcohol (and) Sucrose Myristate*	15.0	Alfa Chemicals
A	Surfhope C1616	Sucrose Palmitate	1.5	Mitsubishi
B	Labrafac CC	*Capric/Caprylic triglycerides*	82.5	Gattefosse
C	Water	Aqua	1.0	-

APPEARANCE:
Clear oily gel

MANUFACTURING PROCESS:
Heat Phase A and Phase B up to 70C
Have phase A under the propeller mixer at quite a fast speed.
Add Phase B slowly into the Sucragel AP mix.
When cooled to room temperature add the water

STABILITY TESTS:
On Stability at 45°C
Viscosity: 30,000 (Temp: 20°C, RPM:10, T-bar Spindle C)

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Energising Body Scrub

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel AP	*Glycerine (and) Aqua (and) Sucrose Laurate (and) Alcohol (and) Sucrose Myristate*	15.0	Alfa Chemicals
A	Surfhope C1616	*Sucrose Palmitate*	1.5	Mitsubishi
B	Sunflower Oil	*Helianthus Annuus Seed oil*	30.0	Provided
B	Sweet Almond Oil	*Prunus Amygdalus Dulcis oil*	25.0	Provided
B	Olive Oil	*Olea europaea fruit oil*	23.4	Provided
B	Natural Vitamin E	*Tocopherol*	0.1	BTSA
C	Guarana Exfoliator 1000	*Paullinia Cupana (Guarana) seed powder*	4.0	Lessonia
C	Coffee Exfoliator 2000	*Coffea Arabica (Coffee) seed powder*	1.0	Lessonia

APPEARANCE:
Yellow oily gel with scrub particles

MANUFACTURING PROCESS:
Heat Phase A and Phase B up to 70C
Have phase A under the propeller mixer at quite a fast speed.
Add Phase B slowly into the Sucragel AP mix.
Finally stirr in phase C

STABILITY TESTS:
On Stability at 45°C

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Cleanser with oils & esters

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel AP	*Glycerine (and) Aqua (and) Sucrose Laurate (and) Alcohol (and) Sucrose Myristate*	15.0	Alfa Chemicals
A	Surfhope C1616	*Sucrose Palmitate*	1.5	Mitsubishi
B	Sunflower Oil	*Helianthus Annuus seed oil*	30.0	Provided
B	IPP	*Isopropyl Palmitate*	20.0	ISP
B	Sweet Almond Oil	*Prunus amygdalus dulcis oil*	10.0	Provided
B	Labrafac CC	*Capric/Caprylic triglycerides*	23.5	Gattefosse

APPEARANCE:
Clear light yellow oily gel

MANUFACTURING PROCESS:
Have the Sucragel AP under the propeller mixer at quite a fast speed.
Add slowly the ester and oil mix into the Sucragel AP at room temperature.

STABILITY TESTS:
On Stability at 45°C

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Cold Process Cream

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel AP	*Glycerine (and) Aqua (and) Sucrose Laurate (and) Alcohol (and) Sucrose Myristate*	4.0	Alfa Chemicals
A	Cetiol 868	*Octyl stearate*	20.0	Cognis
A	Natural Vitamin E	*Tocopherol*	0.1	BTSA
B	Water	*Water*	72.8	
B	Jaguar HP-105	*Guar gum*	1.0	Rhodia
B	Rhodicare T	*Xanthan gum*	0.4	Rhodia
C	Euxyl K700	*Phenoxyethanol & Benzyl alcohol & Potassium sorbate & Water & Tocopherol*	1.0	Schulke
C	Lemon Secrets	*Citrus medica limonum (lemon) fruit extract*	0.5	Gattefossé
C	Fashion Soin	*Fragrance*	0.2	Aromax

APPEARANCE:
White cream

MANUFACTURING PROCESS:
A cold process emulsification.
Disperse the guar gum in half of the water.
Disperse the xanthan gum in the second half of the water.
Then blend them together and add the blend to Phase A under the homogeniser.
Keep stirring for 5 minutes and finally add phase C

STABILITY TESTS:
On Stability at 45°C

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Hot process Cream

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Sucragel AP	*Glycerine (and) Aqua (and) Sucrose Laurate (and) Alcohol (and) Sucrose Myristate*	8.0	Alfa Chemicals
A	Labrafac CC	*Capric/Caprylic triglycerides*	10.0	Gattefossé
A	Lipocire A	*Hydrogenated palm kernel glycerides & hydrogenated palm glycerides*	5.0	Gattefossé
A	BR Forest	*Astrocaryum murumuru butter*	5.0	Chemyunion
A	Fancor Abyssinian Oil	*Crambe Seed Oil*	5.0	Fancor
A	Rice Bran Oil	*Oryza Sativa (Rice) Bran Oil*	2.0	Fancor
A	Lanette 16	*Cetyl alcohol*	1.0	Cognis
A	Cutina GMS-SE	*Glyceryl stearate SE*	1.0	Cognis
A	Natural Vitamin E	*Tocopherol*	0.1	BTSA
B	Natrasol 250 HHR	*Hydroxyethyl cellulose*	1.5	Rhodia
B	Rhodicare T	*Xanthan gum*	0.3	Rhodia
B	Water	*Water*	59.3	
C	Euxyl K700	*Phenoxyethanol & Benzyl alcohol & Potassium sorbate & Water & Tocopherol*	1.0	Schülke & Mayr
C	Lemon Secrets	*Citrus medica limonum (lemon) fruit extract*	0.3	Gattefossé
C	Nirvana Soin ARX/30214	*Fragrance*	0.5	Aromax

APPEARANCE:
White thick cream

MANUFACTURING PROCESS:
Disperse the gums of phase B in water. Heat phases A and B up to 70°C.
Add phase A into phase B slowly under the homogeniser.
Cool down to room temperature under moderate mixing and add phase C

STABILITY TESTS:
On stability at 45°C

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Gentle Hand Wash

Phase	Ingredient	INCI designation	% w/w	Supplier
A	Water	*Aqua*	61.5	N/A
A	Original Extract Grapefruit	*Citrus Grandis (Grapefruit) Fruit Water*	10.0	Gattefosse
A	Keltrol	*Xanthan Gum*	0.4	S Black
A	Genuvisco	*Carrageenan*	0.3	S Black
A	Glycerine	*Glycerin*	2.0	Phoenix Natural Products
B	Betaine	*Betaine*	15.0	Phoenix Natural Products
B	Sucragel AP	*Glycerine (and) Aqua (and) Sucrose Laurate (and) Alcohol (and) Sucrose Myristate*	10.0	Alfa
C	Euxyl PE9010	*Phenoxyethanol & Ethylhexylglycerin*	0.6	Schulke & Mayre
C	Geranium Essential oil	Pelargoniun graveolens (geranium) flower oil	0.2	Interaxion

APPEARANCE:
Clear Hand Wash

MANUFACTURING PROCESS:
Mix the Xanthan and Carageenan into the glycerine to form a paste
Hydrate the gum paste in the water using a homogeniser
Stir in phase B until fully mixed in
Finally stir in the preservative and fragrance.

STABILITY TESTS:
This product is currently on stability at 45°C.

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Lavender Toner

Phase	Ingredient	INCI designation	% w/w	Supplier
A A	Lavender essential oil Euxyl K700	*Lavandula Angustifolia (Lavender) herb oil* *Phenoxyethanol & Benzyl alcohol & Potassium sorbate & Water & Tocopherol*	0.10 0.80	Interaxion Schulke
B	**Sucragel AP**	***Glycerine (and) Aqua (and) Sucrose Laurate (and) Alcohol (and) Sucrose Myristate***	5.00	Alfa Chemicals
C C	Original Extract Lemon bio Water	*Citrus Medica Limonum (Lemon) fruit water* *Water*	10.0 84.2	Gattefosse -

APPEARANCE:
Slightly cloudy water

MANUFACTURING PROCESS:
Mix together phase A
Slowly add phase B into phase A under stirring.
Slowly add phase C into the mixture under stirring

STABILITY TESTS:
This product is currently on stability at 45°C.

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SPF 30 Sun Spray

Phase	Ingredient	INCI designation	% w/w
A	Sucragel AP	*Glycerin & Water & Sucrose Laurate & Alcohol & Sucrose Myristate*	5.4
B	Escalol 517	Butyl Methoxydibenzoylmethane	2.0
B	Escalol 557	Ethylhexyl Methoxycinnamate	7.5
B	Escalol 567	Benzophenone-3	3.0
B	Vitamin E Acetate	Vitamin E Acetate	0.1
B	Paraffin Oil	Paraffin Oil	4.0
B	Eusolex 6300	4-Methyl Benzlidenecamphor	1.5
B	Lexfilm Sun	Polyester-7 (and) Neopentyl Glycol Diheptanoate	1.5
C	Water	*Aqua*	73.94
C	Kelcogel ® CG-HA	*Gellan gum*	0.06
D	Euxyl K700	Phenoxyethanol,benzyl alcohol, potassium sorbate	1.0

APPEARANCE:
White thin liquid

MANUFACTURING PROCESS:
Heat the Sucragel AP to 70°C
Mix together phase B and heat to 70°C
Slowly, add phase B into the Sucragel under propeller mixer at quite a fast speed to form a gel.
Disperse the gellan gum in the water. Heat this mixture up to 70°C.
Add the gel made with phase A & B into phase C using a homogeniser
Cool down to room temperature and finally add phase D.

STABILITY TESTS:
On Stability at 45°C.

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