

Sucraclear HC-31

Contents

Formulation	Page
Youthful Body Gel	3
Body Shimmer	4
Nourishing Lotion	5
Rosemary Firming Gel	6
Active Soothing Gel	7

WHAT IS SUCRACLEAR?

Sucraclear comes in powder form and is a water thickener which can produce thick crystal clear gels in water with thixotropic properties.

FORMULATING WITH SUCRACLEAR

- Use between 0.5-2.5% in the water phase. Heat to 70°C followed by high shear mixing,
- Formulation must remain between pH 4-11 at all times.
- Can hold up to 30% alcohol using a 1.5% water gel but clarity will be compromised at 12%.
- Able to suspend beads and exfoliating particles.

Youthful Body Gel

Phase	Ingredient	INCI designation	%w/w	Supplier
A	Water	Aqua	94.10	-
A	Sucraclear HC-31	Cellulose Gum, Carrageenan, Ceratonia Siliqua Gum, Sucrose	2.00	Alchemy
A	Hyaluronic Acid	Sodium Hyaluronate	0.10	TRI-K Industries
B	Mala'kite	Water, Malachite extract	2.00	Gattefossé
B	Gatuline Radiance	Propanediol, Evodia Rutaecarpa fruit extract	1.00	Gattefossé
C	Euxyl PE 9010	Phenoxyethanol, Ethylhexylglycerin	0.80	Schülke & Mayr

DESCRIPTION:

Blue transparent gel.

MANUFACTURING PROCESS:

Disperse the Sucraclear HC-31 and Sodium Hyaluronate in water, heat to 70°C and homogenise until uniform.
Cool to 40°C and add phase B mixing well.
Add Phase C, mix until uniform

STABILITY TESTS:

Stable at 40°C for 3 months.

The preservative system in this formulation has not been challenge tested. Other systems can be used.

Body Shimmer

Phase	Ingredient	INCI designation	%w/w	Supplier
A	Water	Aqua	94.15	-
A	Sucraclear HC-31	Cellulose Gum, Carrageenan, Ceratonia Siliqua Gum, Sucrose	2.00	Alchemy
B	Mala'kite	Water, Malachite extract	2.00	Gattefossé
B	Gatuline RC BIO	Water, Fagus Sylvatica bud extract	1.00	Gattefossé
C	Euxyl PE 9010	Phenoxyethanol, Ethylhexylglycerin	0.80	Schülke & Mayr
D	Flamenco Sparkle Gold	Mica, Titanium dioxide	0.05	BASF

DESCRIPTION:

Sparkling green transparent gel.

MANUFACTURING PROCESS:

Disperse the Sucraclear HC-31 in water, heat to 70°C and homogenise until uniform. Cool to 40°C and add phase B mixing well. Stir in phase C and D, mix until uniform.

STABILITY TESTS:

Stable at 40°C for 3 months

The preservative system in this formulation has not been challenge tested. Other systems can be used.

Nourishing Lotion

Phase	Ingredient	INCI designation	%w/w	Supplier
A	Water	Aqua	94.15	-
A	Glycerine	Glycerin	4.00	-
A	Sucraclear HC-31	Cellulose Gum, Carrageenan, Ceratonia Siliqua Gum, Sucrose	0.75	Alchemy
B	Sucramulse 163	Glyceryl Stearate, Cetyl Alcohol, Sucrose Stearate, Sucrose Tristearate	5.00	Alchemy
B	Sweet Almond Oil	Prunus Amygdalus Dulcis Oil	5.00	-
B	Abyssinian Oil	Crambe Abyssinica Seed Oil	5.00	Elementis
B	Chemyforest Cupuaçu FG	Theobroma Grandiflorum (Cupuaçu) Seed Butter	3.00	Chemyunion
B	Mafura Butter	Trichilla Emetica seed butter	2.00	PhytoAfrica
C	Gatuline Radiance	Propanediol, Evodia Rutaecarpa fruit extract	2.00	Gattefossé
C	Fragrance	Parfum	1.00	-
C	Euxyl PE 9010	Phenoxyethanol, Ethylhexylglycerin	0.80	Schülke & Mayr

DESCRIPTION:

White lotion

MANUFACTURING METHOD:

Disperse the Sucraclear in glycerine and then into the water. Heat to 70°C and homogenise until uniform

Heat phase B to 70°C.

Add Phase B into Phase A and homogenise.

Cool to 40°C and add phase C under a propeller stirrer.

STABILITY TESTS:

On stability.

FORMULATION GUIDE

Rosemary Firming Gel

Phase	Ingredient	INCI designation	%w/w	Supplier
A	Original Extract Cranberry BIO	Vaccinium Macrocarpon (Cranberry) fruit water	60.00	Gattefossé
A	Water	Aqua	32.90	-
A	Sucraclear HC-31	Cellulose Gum, Carrageenan, Ceratonia Siliqua Gum, Sucrose	2.00	Alchemy
A	Hyaluronic Acid	Sodium Hyaluronate	0.10	TRI-K Industries
B	Mala'kite	Water, Malachite extract	2.00	Gattefossé
B	Gatuline RC BIO	Water, Fagus Sylvatica bud extract	1.00	Gattefossé
B	Rosemary Extract	Rosmarinus Officinalis flower extract	1.00	Green Line Botanicals
B	Hema'tite	Hematite extract	0.50	Gattefossé
C	Euxyl K700	Phenoxyethanol, Benzyl alcohol, Potassium sorbate	0.50	Schülke & Mayr

DESCRIPTION:

Pale green translucent gel.

MANUFACTURING PROCESS:

Disperse the Sucraclear HC-31 and Sodium Hyaluronate in water, heat to 70oC and homogenise until uniform.

Cool to 40oC and add phase B mixing well.

Add Phase C, mix until uniform.

STABILITY TESTS:

On stability.

The preservative system in this formulation has not been challenge tested. Other systems can be used.

Active Soothing Gel

Phase	Ingredient	INCI designation	%w/w	Supplier
A	Original Extract Lemon BIO	Citrus Limon (Lemon) Fruit Water	42.2	Gattefossé
A	Water	Aqua	50.0	-
A	Sucraclear HC-31	Cellulose Gum, Carrageenan, Ceratonia Siliqua Gum, Sucrose	2.00	Alchemy
A	Mala'kite	Water, Malachite extract	5.00	Gattefossé
B	Euxyl K700	Phenoxyethanol, Benzyl alcohol, Potassium sorbate	0.80	Schülke & Mayr

DESCRIPTION:

Pale blue translucent gel.

MANUFACTURING PROCESS:

Disperse the Sucraclear HC-31 in water, heat to 70°C and homogenise until uniform. Cool to 40 °C and add phase B mixing well.

STABILITY TESTS:

On stability.

The preservative system in this formulation has not been challenge tested. Other systems can be used.