



Empowered by more than **80 years** of recognized experience in **health and nutrition**, **Roquette** is now applying its expertise to cosmetics.

## Formulation Guide

Sustainable beauty is all about skin health and nutrition



## Eye Shadow

Beauté by Roquette®  
DS 112

MU-001-001

Enriched with gelling and sensory agent **Beauté By Roquette® DS 112**, this weightless creamy formula seamlessly glides onto the lids to brighten eyes without greasing or smudging. In just one swipe, this cream eye shadow offers saturated color, a gorgeous golden-bronze finished look that lasts all day.

	INCI NAME	COMMERCIAL NAME (SUPPLIER)	% W/W
PHASE A1	Aqua	Demineralised water	Up to 100
	Phenoxyethanol (and) Chlorphenesin (and) Glycerin	Microcare PHC (Thor)	1.00
	Glycerin	Glycerine	1.00
	CI 77491 (and) Glycerin (and) Xanthan gum (and) Sodium citrate (and) Aqua	Covarine red WN 3798 (Sensient Cosmetic Technologies)	0.07
	CI 77499 (and) Glycerin (and) Xanthan gum (and) Sodium citrate (and) Aqua	Covarine black WN 9798 (Sensient Cosmetic Technologies)	0.55
PHASE A2	Starch acetate (and) Hydroxyethyl cellulose (and) Xanthan gum	<b>Beauté by Roquette® DS 112 (Roquette)</b>	<b>3.00</b>
PHASE B	Aqua	Demineralized water	5.00
	Polyvinylpyrrolidone	Luviskol K 30 powder (BASF)	1.50
PHASE C	Glyceryl stearate citrate	Imwitor 372P (IOI Oleo GmbH)	1.10
	Glyceryl stearate	Cithrol GMS 40 (Croda)	1.90
	Titanium dioxide	Hombitan AFDC 101 (Lavollée)	1.50
	Ricinus communis seed oil	Castor oil (Cooper)	5.00
	Caprylic/Capric Triglyceride	Labrafac CC (Gattefossé)	5.00
	Ci 77891 (and) Synthetic fluorphlogopite	Covapearl star doré 2375 (Sensient Cosmetic Technologies)	2.00
	Ci 77491 (and) Mica	Covapearl light brown 830 (Sensient Cosmetic Technologies)	6.50

### Process

1. Prepare Pre-mix phase A1 and heat up to 80°C.
2. Add A2 into A1 while stirring (medium speed). Maintain agitation and temperature 80°C for 40min.
3. Add phase B into A1+A2.
4. Heat Phase C at 80°C and add to A+B under medium to strong agitation. Maintain agitation and temperature for 15 minutes.
5. Allow to cool down to room temperature while stirring gently.

ASPECT	Bronze-brown thick cream
pH	5,0 – 5,4
VISCOSITY	Brookfield, SP7, 20 rpm, 1 min: 12 000 – 18 000 mPa.s
STABILITY	1 month at 50°C and 3 months at room temperature and 40°C

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## Cream-to-powder Blush

Beauté by Roquette®  
ST 012

MU-002-004

Formulated with our plant-based starch **Beauté By Roquette® ST 012**, this remarkably soft formulation offers creaminess that turns to an irresistible powdery veil and a matte look. Thanks to its creamy texture, the blush can easily be applied, leaving a soft, silky feeling. Beside the smoothness and the comfort of this creamy blush, a powdery effect settles on the cheeks for a fresh and natural result.



**ROQUETTE**  
BEAUTÉ  
Make Up

	INCI NAME	COMMERCIAL NAME (SUPPLIER)	% W/W
PHASE A	Isononyl isononanoate	DUB ININ (Stearinerie Dubois)	13.00
	Isoamyl Laurate	Dermofeel Sensolv (Evonik)	16.25
	C15-19 Alkane	Emogreen L15 (Seppic)	16.00
	Butyrospermum Parkii (Shea) Butter	Shea Butter (Cooper)	3.00
	Cera alba	Beeswax (Cooper)	6.00
	Copernicia Cerifera (Carnauba) Wax	Carnauba wax (Koster Keunen)	5.00
	Caprylic/Capric Triglyceride	Labrafac CC (Gattefossé)	3.00
PHASE B	Phenoxyethanol	Microcare PE (Thor)	1.00
	Aluminum starch octenylsuccinate	<b>Beauté by Roquette® ST 012 (Roquette)</b>	<b>17.09</b>
	Talc	Talc (Cooper)	3.00
	Sillica	Silica (Kobo)	3.50
	CI 77491 (and) Hydrogenated Lecithin	Unipure red LC 381 HLC (Sensient Cosmetic Technologies)	0.80
	CI 77492 (and) Hydrogenated Lecithin	Unipure Yellow LC 182 HLC (Sensient Cosmetic Technologies)	0.01
	CI 77891 (and) Triethoxycaprylylsilane	Unipure white LC 987 AS-EM (Sensient Cosmetic Technologies)	10.00
	Calcium Aluminum Borosilicate (and) Silica (and) Titanium Dioxide (and) Tin Oxide	Ronastar Purple (Merck)	3.00
	Mica (and) Titanium Dioxide (and) CI 77491	Aruban Coral (Kobo)	2.20
	CI 75470 (and) CI 77891 (and) Mica	Covapearl Carmine (Sensient Cosmetic Technologies)	3.00

### Process

1. Heat phase A up to 80-85°C while stirring gently.
2. At 80-85°C, add phase B into A, under gentle agitation.
3. Pour into packagings at 80-85°C and allow to cool down.

ASPECT	Coloured soft wax
pH	NA
VISCOSITY	NA
STABILITY	1 month at 50°C and 3 months at room temperature and 40°C

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## Sun Powder

Beauté by Roquette®  
ST 005

MU-003-004

Enriched with our native starch **Beauté By Roquette® ST 005** for its exceptional properties of sebum absorption, this talc-free powder with warm golden reflections, glides on the skin like a veil of softness and provides an optimal comfort. The complexion is sublimated, tanned and bright as after a beautiful sunny day.

	INCI NAME	COMMERCIAL NAME (SUPPLIER)	% W/W
PHASE A	CI 77491	Unipure Red LC 381 (Sensient Cosmetic Technologies)	1.70
	CI 77492	Unipure Yellow LC 182 (Sensient Cosmetic Technologies)	2.00
	CI 77499	Unipure Black LC 989 (Sensient Cosmetic Technologies)	0.30
	CI 77891	Unipure White LC 987 (Sensient Cosmetic Technologies)	6.00
	CI 75470 (and) CI 77891 (and) Mica	Covapearl pure carmine 438 (Sensient Cosmetic Technologies)	0.20
	Mica (and) Titanium Dioxide (and) CI 77491	KTZ Aruban coral (Kobo Products)	0.30
	Mica (and) Titanium Dioxide (and) CI 77491 (and) Carmine	KTZ Apricot (Kobo Products)	0.60
	Mica (and) Titanium Dioxide (and) CI 77491	KTZ Sunburst Gold (Kobo Products)	0.60
	Mica (and) Titanium Dioxide	KTZ Ultra shimmer (Kobo Products)	0.30
	Mica	Submica FL (Sensient Cosmetic Technologies)	28.00
	Silica	Silica (Kobo Products)	16.00
	Zea (mays) starch	<b>Beauté by Roquette® ST 005</b>	<b>35.00</b>
	Caprylic/Capric Triglyceride	DUB MCT (Stéarinerie Dubois)	8.50
	Phenoxyethanol (and) Chlorphenesin (and) Glycerin	Microcare PHC (Thor)	0.50

### Process

- Grind together all components of phase A

ASPECT	
ASPECT	Golden bronze loose powder
pH	NA
VISCOSITY	NA
STABILITY	1 month at 50°C and 3 months at room temperature and 40°C

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## Lips Candy Syrup

Beauté by Roquette®  
PO 070, PO 370 & ST 720

MU-005-014

Get fruity with this moisture-boosting lip care! Enriched with a blend of vegetal derived humectants **Beauté By Roquette® PO 070 and PO 370** and film forming agent **Beauté By Roquette® ST 720**, this syrup-like texture glides easily onto your lips for moisturization and a smooth finish without stickiness.



**ROQUETTE**  
BEAUTÉ  
Make Up

	INCI NAME	COMMERCIAL NAME (SUPPLIER)	% W/W
PHASE A1	Aqua	Demineralized water	Up to 100
	Hydroxypropyl starch	<b>Beauté by Roquette® ST 720 (Roquette)</b>	<b>0.20</b>
PHASE A2	Sorbitol	<b>Beauté by Roquette® PO 070 (Roquette)</b>	<b>60.00</b>
	Xylitol	<b>Beauté by Roquette® PO 370 (Roquette)</b>	<b>10.00</b>
PHASE B	Xanthan gum	Keltrol (CP Kelco)	0.30
	Flavour	Arôme Pêche (Aromazone)	0.50
PHASE C	CI 15985	FDC Yellow 6 (Sensient Cosmetic Technologies)	QS
	CI 75470 (and) Maltodextrin	Carmin soluble W 3014 (Sensient Cosmetic Technologies)	QS
	Phenoxyethanol	Microcare PE (Thor)	0.50

### Process

Room temperature process

- Disperse Beauté by Roquette® ST 720 in aqua while stirring gently.
- Add and dissolve Beauté by Roquette® PO 370 and PO 070 into A, under gentle agitation.
- Under agitation disperse and hydrate xanthan gum into A1 + A2.
- Add successively ingredients of phase C while stirring gently.

ASPECT	
ASPECT	Colored transparent liquid
pH	5,7 – 6,1
VISCOSITY	Brookfield, SP5, 20 rpm, 1 min: 800 - 1 200 mPa.s
STABILITY	1 month at 50°C and 3 months at room temperature and 40°C

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## Day-proof Foundation

Beauté by Roquette®  
ST 720

MU-007-005

Thanks to its delicate water based texture, this foundation applies evenly for adjustable coverage from medium to high. Enriched with **Beauté by Roquette® ST 720** film forming agent, it protects the skin from environmental aggressions and offers a long lasting (no transfer) uniform matte complexion throughout the day.

	INCI NAME	COMMERCIAL NAME (SUPPLIER)	% W/W
PHASE A	Aqua	Demineralized water	Up to 100
	Microcrystalline Cellulose & Cellulose Gum	<b>Tabulose® SC 611 (Roquette)</b>	1.50
	Hydroxypropyl starch	<b>Beauté by Roquette® ST 720 (Roquette)</b>	5.00
	CI 77891 (and) Phytic Acid (and) Sodium Hydroxide	Unipure White LC 985 PHY (Sensient Cosmetic Technologies)	8.30
	CI 77492 (and) Phytic Acid (and) Sodium Hydroxide	Unipure Yellow LC 188 PHY (Sensient Cosmetic Technologies)	1.10
	CI 77491 (and) Phytic Acid (and) Sodium Hydroxide	Unipure Red LC 388 PHY (Sensient Cosmetic Technologies)	0.48
	CI 77499 (and) Phytic Acid (and) Sodium Hydroxide	Unipure Black LC 998 PHY (Sensient Cosmetic Technologies)	0.14
PHASE B	Helianthus annuus seed oil	Huile de tournesol oléique raffinée (Aldivia)	5.00
	Coco-Caprylate/Caprate	Miglyol Coco 810 (IOI OLEO GmbH)	5.00
	Octyldodecyl myristate	MOD (Gattefossé)	3.00
PHASE C	Arachidyl Alcohol (and) Behenyl Alcohol (and) Arachidyl Glucoside	Montanov 202 (Seppic)	2.00
	Cetearyl Alcohol (and) Cetearyl Glucoside	Montanov 68 (Seppic)	2.00
	Phenoxyethanol & Chlorphenesin	Microcare PHC (THOR)	1.00
PHASE D	Tocopherol (mixed) (and) Beta-Sitosterol (and) Squalene	Tocobiol C (Química Masso)	0.50
	Fragrance	NORA SA FML00190 (MLLE PARFUMETTE/ ACCORDS & PARF)	0.30
	Citric acid	Citric acid	QS pH 5,8-6,0

### Process

- Disperse Tabulose SC611 in water during 10min (defloculator medium speed)
- Disperse all pigments until homogenization (defloculator medium speed)
- Disperse ST 720 (defloculator medium speed)
- Heat phase A at 80°C
- Weight and heat phase B at 80°C
- Emulsify B in A during 15min (defloculator 1500-2000 rpm)
- Allow to cool down to 40°C while stirring gently
- Add preservative & fragrance phase C (defloculator gentle- medium speed)

<b>ASPECT</b>	Light brown emulsion
<b>pH</b>	5,8 – 6,2
<b>VISCOSITY</b>	Brookfield, SP5, 20 rpm, 1 min: 6 500 - 7 500 mPa.s
<b>STABILITY</b>	1 month at 50°C and 3 months at 40°C and room temperature (in progress)

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## Fresh Kiss

Beauté by Roquette®  
PO 500, GA 290, CD 110 & PO 370

OC-001-006

Due to the use of **Beauté by Roquette® PO 500**, this alcohol-free oral spray acts on the oral microbiota by reducing the growth of pathogen microorganisms responsible for halitosis. Its is sweetened with two non-cariogenic polyols, **Beauté by Roquette® PO 370 & Beauté by Roquette® PO 160** acting to reduce mouth dryness while **Beauté by Roquette® CD 110** helps to keep breath fresh throughout all the day.

	INCI NAME	COMMERCIAL NAME (SUPPLIER)	% W/W
PHASE A	Aqua	Demineralized water	Up to 100
	Isosorbide	<b>Beauté by Roquette® PO 500 (Roquette)</b>	5.00
	Xylitol	<b>Beauté by Roquette® PO 370 (Roquette)</b>	10.00
	Sorbitol	<b>Beauté by Roquette® PO 160 (Roquette)</b>	10.00
	Hydroxypropyl Cyclodextrin	<b>Beauté by Roquette® CD 110 (Roquette)</b>	1.00
PHASE B	Mint Flavour	Arome poudre Menthe code 023C301 (colin Ingredients)	1.00
	Sodium Benzoate	Microcare NB (Thor)	0.50
PHASE C	Potassium Sorbate	Microcare KS (Thor)	0.50
PHASE D	CI 42090	FDC Blue 1(Sensient Cosmetic Technologies)	QS
	Gluconolactone	<b>Beauté by Roquette® GA 290 (Roquette)</b>	QS pH 5,8

### Process

Cold process

- Phase A: At room temperature disperse Beauté by Roquette® PO 370 and Beauté by Roquette® PO 160 in Aqua, while stirring (defloculator medium speed). Then add Beauté by Roquette® CD 110, Beauté by Roquette® PO 500 and flavour, under gentle agitation.
- Add Phase B into A while stirring (medium speed).
- Add phase C into A+B, under gentle agitation.
- Adjust pH to 5,8 with phase D 10% aqueous solution of Beauté by Roquette® GA 290.

<b>ASPECT</b>	Aqueous blue lotion
<b>pH</b>	5,6 – 5,8
<b>VISCOSITY</b>	NA
<b>STABILITY</b>	1 month at 50°C and 3 months at room temperature and 40°C

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## Mattifying Make-up Base

Beauté by Roquette®  
ST 012 & ST 118

SC-001-001

This primer provides a long-lasting velvet finish whilst caring for your skin. Based on our unique 100% plant-based thickener **Beauté By Roquette® ST 118**, its lightweight O/W gel cream texture provides an amazing cushion effect, a fresh feeling and a good hydration. Enriched with **Beauté By Roquette® ST 012** as a natural sensory powder, this formula mattifies the skin and prepares it for a long-lasting and flawless makeup.

	INCI NAME	COMMERCIAL NAME (SUPPLIER)	% W/W
PHASE A	Aqua	Demineralized water	Up to 100
	Xanthan gum	Keltrol (CP Kelco)	0.30
PHASE B	Polyglyceryl-6 distearate	Plurol Stearique (Gattefossé)	4.00
	Cetyl alcohol	Lanette 16 (BASF)	2.00
	Octyldodecyl myristate	MOD (Gattefossé)	5.00
PHASE C	Aluminum starch octenylsuccinate	<b>Beauté By Roquette® ST 012 (Roquette)</b>	<b>4.00</b>
PHASE D	Carboxymethyl starch	<b>Beauté By Roquette® ST 118 (Roquette)</b>	<b>3.00</b>
PHASE E	Glycerin (and) Phenoxyethanol (and) Chlorphenesin	Microcare PHC (Thor)	1.00

### Process

1. Heat aqua up to 80°C.
2. Disperse Xanthan gum into aqua, while stirring (defloculator).
3. Heat Phase B up to 80°C under agitation.
4. Emulsion: at 80°C, add Phase B into Phase A while stirring (defloculator 2 000 - 3 000 rpm - 20 minutes).
5. Allow to cool down to 20-25°C under medium agitation (1 500 - 2 000 rpm).
6. Add successively Phases C, Phase D and Phase E under medium speed agitation.

ASPECT	White cream
pH	5,4 – 5,8
VISCOSITY	Brookfield, SP7, 20 rpm, 1 min: 33 000 - 39 000mPa.s
STABILITY	3 months at room temperature and 40°C

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## Day Cream

Beauté by Roquette®  
DS 112

SC-002-002

Based on our unique thickening system **Beauté By Roquette® DS 112**, this fast absorbing day cream leaves the skin soft, supple and protected with a fresh & velvety after-feel. **Beauté by Roquette® PO 070** acts as an efficient moisturizer to allow this light weight O/W emulsion to maintain the skin's hydration all day long.

	INCI NAME	COMMERCIAL NAME (SUPPLIER)	% W/W
PHASE A	Aqua	Demineralized water	Up to 100
	Starch acetate (and) Hydroxyethyl cellulose (and) Xanthan gum	<b>Beauté by Roquette® DS 112 (Roquette)</b>	<b>3.00</b>
	Sorbitol	<b>Beauté by Roquette® PO 070 (Roquette)</b>	<b>2.00</b>
PHASE B	C14-22 Alcohols (and) C12-20 Alkyl glucoside	Montanov L (Seppic)	4.00
	Helianthus annuus seed oil	Sunflower oil (Cooper)	15.00
	Tocopherol (and) Beta-sitosterol (and) Squalene	Tocobiol C (Quimica Masso)	0.02
PHASE C	Phenoxyethanol (and) Chlorphenesin (and) Glycerin	Microcare PHC (Thor)	1.00

### Process

1. Sprinkle Beauté by Roquette® DS 112 into phase A and heat up to 80°C while stirring. Maintain agitation and stirring until a homogeneous gel is formed (minimum 40 minutes).
2. Heat phase B up to 80°C under agitation.
3. Emulsion: at 80°C, add phase B into phase A while stirring. Maintain agitation and temperature for 10 minutes.
4. Allow to cool down to room temperature while stirring gently.
5. Add phase C .

ASPECT	White and shiny cream
pH	6,3 – 6,7
VISCOSITY	Brookfield, SP5, 20 rpm, 1 min: 10 500 - 13 500 mPa.s
STABILITY	1 month at 50°C and 3 months at room temperature and 40°C

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## Light Cream

Beauté by Roquette®  
PO 500 & ST 118

SC-003-005

This lightweight O/W gel cream emulsion penetrates quickly without any greasy afterfeel. Enriched with natural derived polyol **Beauté By Roquette® PO 500**, it helps the skin to maintain optimal hydration while our unique 100% plant-based thickener, **Beauté By Roquette® ST 118**, provides an amazing velvet soft finish.

	INCI NAME	COMMERCIAL NAME (SUPPLIER)	% W/W
PHASE A1	Aqua	Demineralised water	Up to 100
	Isosorbide	<b>Beauté by Roquette® PO 500 (Roquette)</b>	<b>5.00</b>
PHASE A2	Microcrystalline cellulose (and) Cellulose gum	<b>Tabulose SC 611 (Roquette)</b>	<b>0.50</b>
PHASE A3	Xanthan Gum	Keltrol CG (CP Kelco)	0.30
PHASE B	Glyceryl stearate	Imwitor 900 K (IOI Oleo GmbH)	1.00
	Glyceryl stearate citrate	Imwitor 372 P (IOI Oleo GmbH)	1.00
	Isoamyl laurate	Dermofeel Sensolv (Evonik)	2.50
	Camellia Japonica Seed Oil	Tsubaki oil (Jan Dekker)	2.50
PHASE C	Tocopherol (and) Beta-sitosterol (and) Squalene	Tocobiol C (Quimica massa)	0.50
	Alcohol	Alcohol	3.00
PHASE D	Glycerin (and) Phenoxyethanol (and) Chlorphenesin	Microcare PHC (Thor)	1.00
PHASE E	Carboxymethyl starch	<b>Beauté by Roquette® ST 118 (Roquette)</b>	<b>2.00</b>

### Process

- Heat phase A1 up to 80°C.
- Add phase A2 while stirring (10 minutes) and then add A3. Maintain agitation and temperature until a homogeneous gel is obtained.
- Heat phase B up to 80°C.
- Emulsion: at 80°C, add phase B into phase A under medium-high speed stirring for 10 minutes.
- Allow to cool down to room temperature.
- Add successively phases C, D and E.

ASPECT	White emulsion
pH	5,8 – 6,0
VISCOSITY	Brookfield, SP4, 20 rpm, 1 min: 5 400- 6 600 mPa.s
STABILITY	1 month at 50°C and 3 months at room temperature and 40°C

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## Anti-age Serum Concentrate

Beauté by Roquette®  
PO 160, DS 112 & GA 290

SC-004-004

Due to the use of our naturally gentle exfoliating PolyHydroxyAcid **Beauté by Roquette® GA 290** and our highly pure moisturizer **Beauté by Roquette® PO 160**, this effective serum regenerates epidermis and improves skin hydration and tone.

**Beauté by Roquette® DS 112** gives to this O/W emulsion a unique texture and velvet feel, leaving skin smooth and radiant.



**ROQUETTE**  
BEAUTÉ  
Skin care

	INCI NAME	COMMERCIAL NAME (SUPPLIER)	% W/W
PHASE A	Aqua	Demineralised water	Up to 100
	Starch acetate (and) Hydroxyethyl cellulose (and) Xanthan gum	<b>Beauté by Roquette® DS 112 (Roquette)</b>	<b>3.00</b>
	Sorbitol	<b>Beauté by Roquette® PO 160 (Roquette)</b>	<b>2.00</b>
PHASE B	Glyceryl stearate	Geleol FPF (Gattefossé)	0.50
	Glyceryl stearate citrate	Dermofeel GSC (Evonik)	3.00
PHASE C	Caprylic / Capric Triglyceride	Labrafac CC (Gattefossé)	4.00
	Gluconolactone	<b>Beauté by Roquette® GA 290 (Roquette)</b>	<b>0.20</b>
PHASE D	Aqua	Demineralized water	10.00
	Sodium hyaluronate	Cristalhyal (Soliance)	0.25
PHASE E	Phenoxyethanol (and) Chlorphenesin (and) Glycerin	Microcare PHC (Thor)	1.00 %

### Process

- Prepare Phase A (add PO 160 and then DS 112 into water) under stirring and heat up to 80°C. Maintain agitation until a homogeneous gel is obtained (minimum 40 minutes).
- Prepare Phase B: mix all ingredients and heat up to 80°C under agitation.
- Emulsion: At 80°C, add Phase B into Phase A while stirring (defloculator 2000 – 3000 rpm). Maintain temperature and agitation for 10 minutes.
- Cool down to room temperature and add successively Phases C, D and E.

ASPECT	White emulsion
pH	3,8 – 4,2
VISCOSITY	Brookfield, SP6, 20 rpm, 1 min: 21 000 – 25 000 mPa.s
STABILITY	1 month at 50°C and 3 months at room temperature and 40°C

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## Facial Peeling Gel

Beauté by Roquette®  
GA 290, PO 070 & DS 112

SC-005-001

This facial peeling gel is based on our naturally gentle exfoliating PHA **Beauté by Roquette® GA 290** to assist in removing dead skin cells, dirt and unclogging pores. It helps to condition and balance the skin, leaving it feeling fresh, smooth, renewed, and healthy looking. **Beauté by Roquette® PO 070** acts as an efficient moisturizer to maintaining the skin's hydration all day long. Our unique texturizing system **Beauté by Roquette® DS 112** allows to get a soft translucent gel formulation while providing a unique velvety « cushion » effect for a perfectly clean, soft and comforted skin.

	INCI NAME	COMMERCIAL NAME (SUPPLIER)	% W/W
PHASE A	Aqua	Demineralised water	Up to 100
	Starch acetate (and) Hydroxyethyl cellulose (and) Xanthan gum	<b>Beauté by Roquette® DS 112 (Roquette)</b>	<b>4.00</b>
	Sodium benzoate	Microcare NB (Thor)	0.40
	Sorbitol	<b>Beauté by Roquette® PO 070 (Roquette)</b>	<b>2.00</b>
PHASE B	Alcohol	Ethanol absolute	5.00
	Fragrance	Nova Hypo Free 1114984 (Expressions Parfumées)	0.10
PHASE C	Gluconolactone	<b>Beauté by Roquette® GA 290 in aqueous solution at 50% (Roquette)</b>	<b>2.30</b>

### Process

- Heat up Phase A to 80°C, while stirring (medium speed). Maintain agitation and temperature until a homogeneous gel is formed (minimum 40 minutes).
- Allow to cool down to 20°C while stirring gently.
- Add Phases B and C into Phase A, under gentle agitation.
- Check final pH= 3,5 +/- 0,2.

ASPECT	Translucent aqueous gel
pH	3,3 – 3,7
VISCOSITY	Brookfield, SP5, 20 rpm, 1 min: 7 500 - 8 500 mPa.s
STABILITY	1 month at 50°C and 3 months at room temperature and 40°C

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## Body Lotion - Light Cream

Beauté by Roquette®  
DS 146

SC-006-001

Based on our unique 100 % plant-based non ethoxylated O/W emulsifying system **Beauté By Roquette® DS 146**, this light cream is ideal to daily moisturize skin. It spreads easily giving a light feel and penetrates quickly leaving the skin, soft and supple.

	INCI NAME	COMMERCIAL NAME (SUPPLIER)	% W/W
PHASE A1	Aqua	Demineralised water	Up to 100
	Polyacrylate crosspolymer-6	Sepimax Zen (Seppic)	0.50
	Xanthan gum	Keltrol (CP Kelco)	0.30
PHASE A2	Cyclodextrin (and) Sorbitol (and) Polyglyceryl-3 diisostearate	<b>Beauté by Roquette® DS 146 (Roquette)</b>	<b>2.80</b>
PHASE B	Coco-caprylate/Caprates	Miglyol coco 810 (IOI oleo GmbH)	8.00
	Triheptanoin	Miglyol T-C7 (IOI oleo GmbH)	5.00
	Camelia Japonica seed oil	Tsubaki oil (JAN DEKKER)	2.00
PHASE C	Phenoxyethanol (and) Chlorphenesin (and) Glycerin	Microcare PHC (Thor)	1.00

### Process

- Prepare phase A1 and heat up to 40°C max while stirring
- Add phase A2 and maintain agitation and temperature until a homogeneous blend is obtained (10 minutes).
- Prepare phase B and heat up to 40°C max.
- Emulsion: at 40°C max, add phase B into A under medium to strong agitation. Maintain agitation for 20 minutes.
- Allow to cool down to room temperature under gentle agitation. At room temperature add phase C while stirring gently.

ASPECT	Fluid / White / Non-perfumed cream
pH	6,3 – 6,7
VISCOSITY	Brookfield, SP5, 20 rpm, 1 min: 5 400 - 6 600 mPa.s
STABILITY	1 month at 50°C and 3 months at room temperature and 40°C

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## Whipped Cream

Beauté by Roquette®  
ST 118, DS 112 & PO 500

SC-007-020

Thanks to the use of our unique non sticky moisturiser **Beauté by Roquette® PO 500**, this O/W whipped emulsion helps epidermis to recover and lock in intense moisture for hours after application.

Moreover, the combination of **Beauté By Roquette® ST 118 & Beauté By Roquette® DS 112** allows getting a non greasy texture, a unique “cushion” effect and a soft velvet after feel on skin.

	INCI NAME	COMMERCIAL NAME (SUPPLIER)	% W/W
PHASE A1	Aqua	Demineralised water	Up to 100
	Isosorbide	<b>Beauté by Roquette® PO 500 (Roquette)</b>	<b>10.00</b>
PHASE A2	Starch acetate (and) Hydroxyethyl cellulose (and) Xanthan gum	<b>Beauté by Roquette® DS 112 (Roquette)</b>	<b>2.00</b>
PHASE B	Coco-caprylate/Caprates	Miglyol coco 810 (IOI oleo GmbH)	5.00
	Triheptanoin	Miglyol T-C7 (IOI oleo GmbH)	3.00
	Diheptyl Succinate (and) Capryloyl Glycerin/Sebacic Acid Copolymer	Lexfeel N5 (Inolex)	5.00
PHASE C	Cetearyl Alcohol (and) Cetearyl Glucoside	Montanov 68 (Seppic)	2.00
	Carboxymethyl starch	<b>Beauté by Roquette® ST 118 (Roquette)</b>	<b>3.00</b>
PHASE D	Phenoxyethanol (and) Chlorphenesin (and) Glycerin	Microcare PHC (Thor)	1.00
PHASE E	Fragrance	Nova Hypo Free 1114984 (Expressions Parfumées)	0.10

### Process

- Heat Phase A1 up to 80°C
- Disperse Phase A2 in A1 while stirring. Maintain temperature and agitation until a homogeneous gel is formed (minimum 40 minutes).
- Heat Phase B up to 80°C under agitation.
- Emulsion: At 80°C, add Phase B into phase A under high speed agitation (defloculator 2 000 - 3 000 rpm). Maintain temperature and agitation for 10 minutes.
- Allow to cool down to 20-25°C while stirring gently.
- Add Phase C, Phase D and Phase E under gentle agitation.

ASPECT	Whipped white cream
pH	6,3 – 6,7
VISCOSITY	Brookfield, SP7, 20 rpm, 1 min: 60 000 – 70 000 mPa.s
STABILITY	3 months at room temperature and 40°C

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## Butter Lips Scrub

Beauté by Roquette®  
PO 260, CD 102 & ST 012

SC-012-003

This butter lip scrub combines gentle exfoliation and hydration in one step, with a delightful luxurious formula.

**Beauté by Roquette® PO 260** and **Beauté by Roquette® CD 102** gently remove dead cells and prevents feelings of tightness. Enriched with **Beauté by Roquette® ST 012** for instantly ultra-smooth and velvety lips, this butter scrub helps lips to regain softness and suppleness.

	INCI NAME	COMMERCIAL NAME (SUPPLIER)	% W/W
PHASE A	Jobaba Oil	Jojoba oil (Cooper)	14.50
	Caprylic / Capric Triglyceride	Labrafac CC (Gattefossé)	12.00
	Tocopherol (and) Beta-sitosterol (and) Squalene	Tocobiol C (Quimica Masso)	0.50
	Cera alba	Beeswax (Cooper)	14.00
	Butyrospermum parkii	Shea Butter (Cooper)	25.00
PHASE B	Mannitol	<b>Beauté by Roquette® PO 260 (Roquette)</b>	<b>20.00</b>
	Cyclodextrin	<b>Beauté by Roquette® CD 102 (Roquette)</b>	<b>6.00</b>
	Aluminum starch octenylsuccinate	<b>Beauté by Roquette® ST 012 (Roquette)</b>	<b>8.00</b>

### Process

- Mix phase A and heat up to 75°C, under gentle agitation.
- Allow to cool down to 50°C and add phase B.
- Allow to cool down to room temperature (20-25°C) while stirring gently.

ASPECT	Soft butter
pH	NA
VISCOSITY	NA
STABILITY	1 month at 50°C and 3 months at room temperature and 40°C

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## Under Eye Mask

Beauté by Roquette® ST 720,  
PO 070, CD 110 & GA 290

SC-013-022

Formulated with our film forming modified starch **Beauté by Roquette®ST 720** and enriched with anti ageing active **Beauté by Roquette® GA 290**, firming agent **Beauté by Roquette® CD 110** and humectant **Beauté by Roquette®PO 070**, this innovative hydrogel under eye mask smoothes away traces of fatigue and helps diminish signs of ageing. This unique eye-opening experience provides instant freshness and long lasting hydration while regenerating, reviving and brightening eye area.

	INCI NAME	COMMERCIAL NAME (SUPPLIER)	% W/W
PHASE A	Aqua	Demineralised water	Up to 100
	Sorbitol	<b>Beauté by Roquette® PO 070 (Roquette)</b>	20.00
	Carrageenan Iota	Genvisco CG131 (CP Kelco)	1.50
	Carrageenan Kappa	Genugel CG130 (CP Kelco)	1.00
PHASE B	Hydroxypropyl cyclodextrin	<b>Beauté by Roquette® CD 110 (Roquette)</b>	2.00
PHASE C	Hydroxypropyl starch	<b>Beauté by Roquette® ST 720 (Roquette)</b>	5.00
PHASE D	Aqua	Demineralised water	2.50
	Calcium Chloride	Calcium Chloride	0.20
PHASE E	Aqua	Demineralised water	3.00
	Gluconolactone	<b>Beauté by Roquette® GA 290 (Roquette)</b>	0.15
	Sodium Hydroxide	Sodium hydroxide 40% aqueous solution	QS pH 6
PHASE F	Phenoxyethanol (and) Methylparaben (and) Ethylparaben (and) Butylparaben (and) Propylparaben	Microcare PM4 (Thor)	1.00
PHASE G	CI 42090	Unicert Blue 05601-J (Sensient Cosmetic Technologies)	QS
PHASE H	CI 77891 (and) Synthetic Fluorphlogopite	Covapearl Star Doré 2375 (Sensient Cosmetic Technologies)	QS

### Process

- Disperse and hydrate carrageenans into phase A, while heating up to 75°C and stirring 2000 rpm.
- Disperse Phase B into A while stirring. Maintain temperature and agitation until homogeneous.
- Disperse Phase C into A+B while stirring. Maintain temperature and agitation until homogeneous.
- At 75°C, add Phase D under gentle agitation.
- At 75°C, add premix E (must be adjusted at pH 6) under gentle agitation.
- At 75°C, add successively phases F, G and H, while stirring gently.
- At 75°C, pour into molds and allow to cool down at room temperature.

ASPECT	Blue hydrogel mask
pH	6,3 – 6,7
VISCOSITY	NA
STABILITY	1 month at 50°C, 40°C and room temperature

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## Miracle Jelly

HydraSynol™ DOI and  
HydraSynol™ IDL  
(developed by SYTHEON  
in collaboration with ROQUETTE)

SC-015-003

This unique jellified oil-based texture, ideal for dry or sensitive skins, offers a perfect cleaning solution: It eliminates external pollutants, dust and removes makeup, even the most stubborn stains and highly pigmented shades.

Enriched with **HydraSynol™ DOI and HydraSynol™ IDL** (SYTHEON, in collaboration with ROQUETTE) for optimal hydration and anti-aging properties, this Miracle Jelly melts and glides over the skin and then turns into milk in contact with water.

The complexion looks immediately clean and clear.

	INCI NAME	COMMERCIAL NAME (SUPPLIER)	% W/W
PHASE A	Glycerin & Aqua & Sucrose laurate	Sucragel APV2 (Alchemy chemicals)	15.00
	Helianthus annuus seed oil	Huile de tournesol oléique raffinée (Aldivia)	14.00
	Macadamia integrifolia seed oil	Refined Macadamia Oil (Biocosmetic)	6.00
PHASE B	Isosorbide dicaprylate	<b>HYDRASYNOL DOI (SYTHEON, in collaboration with ROQUETTE)</b>	2.00
	Isosorbide disunflowerseedate	<b>HYDRASYNOL IDL (SYTHEON, in collaboration with ROQUETTE)</b>	2.00
	Caprylic/Capric Triglyceride	DUB MCT 5545 (Stéarinerie Dubois)	Up to 100
	Fragrance	Nora SA FML00190 (MLLE PARFUMETTE/ ACCORDS ET PARFUMS)	0.50

### Process

- Prepare phase B under gentle agitation to get a homogeneous blend.
- Add very slowly (« drop by drop ») phase B into phase A while stirring with medium speed agitation.

ASPECT	Transparent oily gel
pH	NA
VISCOSITY	Brookfield, SP7, 20 rpm, 1 min: 90 000 – 110 000 mPa.s
STABILITY	1 month at 50°C, 40°C and room temperature

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## Cleansing Powder

Beauté by Roquette®  
PO 160 & GA 290

SC-016-013

Formulated with baking soda that is activated when mixed with water to bubble out into a voluminous micro-fine lather, this soft powder cleanses away impurities from your face. Loaded with our naturally gentle exfoliating PHA, **Beauté by Roquette® GA 290**, this formulation deeply cleanses the pores and clears the build-up of dead skin cells and sebum. This cleansing powder is enriched with **Beauté by Roquette® PO 160**, that leaves the skin supple and soft and helps to maintain hydration after rinsing.

	INCI NAME	COMMERCIAL NAME (SUPPLIER)	% W/W
PHASE A	Sodium bicarbonate	Sodium bicarbonate	40.00
	Citric acid	Citric acid	24.00
	Sodium Lauryl Sulfate 95%	Texapon K12G (BASF)	25.00
	Sorbitol	<b>Beauté by Roquette® PO 160 (Roquette)</b>	<b>3.00</b>
	Gluconolactone	<b>Beauté by Roquette® GA 290 (Roquette)</b>	<b>1.00</b>
PHASE B	Simmondsia Chinensis (Jojoba) Seed Oil	Jojoba oil (Jan Dekker)	4.00
	Butyrospermum Parkii (Shea) Butter	Shea Butter (Cooper)	3.00
	Dyes/Pigments		QS
	Fragrance	Sunshine 11012/58 (Robertet)	0.30

### Process

1. Grind powders of phase A until fully homogenous.
2. Heat Phase B up to 50°C.
3. Blend phase A with phase B with the grinder.
4. To form beads: add approx. 2% demineralized water to blend A+B, to obtain a kneadable paste. Form the paste into small beads. Air dry at room temperature (humidity <50%) for 1-2 days until all water has evaporated.

ASPECT	White or coloured powdery bead
pH	5,8-6,4 (3,8% aqueous solution)
VISCOSITY	NA
STABILITY	1 month at 50°C and 3 months at room temperature and 40°C

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## Heavy Legs Gel

Beauté by Roquette®  
CD 110 & PO 070

SC-010-008

This non-greasy fluid gel penetrates rapidly without leaving any trace. Thanks to **Beauté by Roquette® CD 110** encapsulating menthol, it brings immediate relief to heavy legs. It instantaneously eliminates the sensation of tiredness and brings to the legs a long-lasting feeling of freshness and lightness. Enriched with **Beauté by Roquette® PO 070**, this formulation leaves the skin supple and soft and helps to maintain hydration.

	INCI NAME	COMMERCIAL NAME (SUPPLIER)	% W/W
PHASE A1	Aqua	Demineralized water	Up to 100
	Sorbitol	<b>Beauté by Roquette® PO 070 (Roquette)</b>	<b>5.00</b>
	Hydroxyethylcellulose	Natrosol 250 HHR (Ashland)	1.00
PHASE A2	Hydroxypropyl cyclodextrin	<b>Beauté by Roquette® CD 110 (Roquette)</b>	<b>5.00</b>
PHASE B	Alcohol	Ethanol	10.00
	Menthol	Menthol cristallisé (Aromazone)	4.00
PHASE C	Menthyl Lactate (and) PPG-26-Buteth-26 (and) PEG-40 Hydrogenated Castor Oil	Covafresh (Sensient Cosmetic Technologies)	1.00
	Phenoxyethanol & Chlorphenesin	Microcare PHC (Thor)	1.00
PHASE D	CI 42090	Unicert Blue 05601-J (Sensient Cosmetic Technologies)	QS

### Process

#### Cold Process

1. Add **Beauté by Roquette® PO 070** and Hydroxyethylcellulose into water of phase A1, under agitation. Maintain agitation until gel is fully hydrated.
2. Add phase A2 into A1 while stirring gently.
3. Prepare premix phase B and add into A1+A2, under gentle agitation.
4. Add phases C and D into A+B while stirring gently.

ASPECT	Opalescent light blue hydro alcoholic gel
pH	4,5 – 5,0
VISCOSITY	Brookfield, SP2, 20 rpm, 1 min: 8 500- 10 500 mPa.s
STABILITY	1 month at 50°C and 3 months at room temperature and 40°C

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A full range of multifunctional,  
sustainable and high-performing  
plant-based ingredients  
for personal care,  
providing amazing  
sensorial experience

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