



Personal Care

Product guide

Actives

Extracts

Textures



People make our name



ABOUT GATTEFOSSÉ

Gattefossé develops, manufactures and sells specialty ingredients for the personal care and pharmaceutical industries.

Specialist in lipid chemistry and plant extraction, Gattefossé offers recognized expertise in formulation and technological advice to its customers, using its application laboratories. Innovation, ethics, quality and stability are the company key-drivers since the beginning.

Gattefossé markets its products in more than 60 countries through 12 affiliated companies and a network of agents and distributors.

Gattefossé was founded in Lyon, France in 1880 by Louis Gattefossé to whom building strong relationship with customers was a priority. The company still is a family-run and independent business, and now employs more than 280 people worldwide.

EXPERTS IN LIPID CHEMISTRY AND PLANT EXTRACTION

We are expert in two complementary fields: lipid chemistry and plant extraction. This know-how enables us to meet the latest market trends in both natural performing actives and functional excipients, recognized for their sensorial benefits. A full package of technical data is available for each ingredient, including regulatory status, tolerance tests and environmental certificates.

PROVIDING INNOVATIVE SOLUTIONS

Our commitment to innovation is based on our willingness to constantly move forward. We master formulation as well as sensorial analysis, we know our customers' business and use our technical centers of excellence to provide them with customized products and formulations all over the world. An extensive range of finished product prototypes illustrates the benefits of our ingredients.



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Actives



Our actives concentrate the best of nature and deliver their full potential to high efficacy formulations.



At Gattefossé, **we strongly believe in the potential of nature**. All our actives come from natural plant resources that are selected according to exhaustive research on their composition.

Our experts travel the world and build **a sustainable network of partners** in order to implement a sourcing procedure that fits the high level of specifications and quality commitments of the company.

High-tech extraction technologies

Our scientists use their **expertise in plant extraction** to select and develop new methods and processes that allow extraction and stabilization of active molecules.



At each development stage, the environment is a major concern. The discovery of inventive extraction processes using “green” solvents is an important part of today’s research program.

Performance & substantiation

As **proven efficacy is essential**, our cell culture laboratory allows us to be at the forefront of technology in testing. These facilities enable us to better understand the mechanism of action of our ingredients.

Clinical evaluations are designed and conducted in collaboration with partner laboratories. **The performance of our active ingredients is fully demonstrated and substantiated.**

Acne & sebum control



Cytobiol™ Iris A²

Goodbye to skin imperfections

Designed to fight the causes of oily skin, Cytobiol™ Iris A² has been clinically shown to purify the skin, diminish shine, minimize pores and reduce skin imperfections.

- ▶ **INCI:** Propanediol (and) Water (and) Alcohol (and) Iris Florentina Root Extract (and) Zinc Sulfate (and) Retinyl Palmitate
- ▶ **Use level:** 3–5%
- ▶ **Preservative free**

Claims

- ▶ Bacteriostatic activity
- ▶ Anti-imperfections
- ▶ Blurring effect
- ▶ Minimizes pores
- ▶ Purifies
- ▶ Reduces skin shine

Origin

Cytobiol™ Iris A² is a synergistic blend of three active ingredients

- ▶ Iris Rhizome Extract (moisturizing, soothing, astringent and anti-inflammatory properties)
- ▶ Vitamin A (seboregulating properties)
- ▶ Zinc Salt (anti-bacterial and seboregulator)



in vitro



ex vivo



in vivo

Anti-wrinkles

NEW



Gatuline® Link n Lift

Redesign the eye contour

Reconnecting the epidermis to the dermis, Gatuline® Link n Lift acts on all eye contour wrinkles for a younger, fresher look. The face regains a rested expression of authentic positive emotions.

- ▶ **INCI:** Fructose (and) Glycerin (and) Water (and) Aesculus Hippocastanum (Horse Chestnut) Extract
- ▶ **Use level:** 2%
- ▶ **Preservatives:** Potassium Sorbate 0.18-0.22%, Citric Acid 0.08-0.12%
- ▶ **ECOCERT/COSMOS certified**
- ▶ **NSF compliant**

Claims

- ▶ Significantly reduces eye contour wrinkles: crow's feet, tear trough and under-eye wrinkles
- ▶ Improves overall skin quality and comfort
- ▶ Rapid efficacy

Origin

Extracted - using NaDES technology - from horse chestnut flowers (*Aesculus hippocastanum*), particularly rich in active molecules (flavonoids) and sourced in the Ardèche region of France.



in vitro



ex vivo



in vivo

Anti-wrinkles

NEW TEST



Gatuline® Expression AF

Immediate smoothing

Gatuline® Expression AF efficiently fights against the appearance of expression lines and visibly smoothes the skin surface. This fast-acting ingredient redesigns both eye and lip contour in record time.

- ▶ INCI: Propanediol (and) Water (and) Acemella Oleracea Extract
- ▶ Use level: 2–5%
- ▶ Preservative free
- ▶ ECOCERT/COSMOS approved
- ▶ Other grade available: Gatuline® Expression (INCI: Alcohol (and) Water (and) Acemella Oleracea Extract)



in vitro



ex vivo



in vivo

Claims

- ▶ Myorelaxant effect
- ▶ Instant visible results
- ▶ Natural alternative to injections
- ▶ Erases expression lines
- ▶ Reduces barcode wrinkles and bitterness folds
- ▶ Smoothes and redesigns the lip contour
- ▶ Recurves Cupid's bow

Origin

Extracted from *Acemella oleracea*, commonly used as a spice and anesthetic agent in Madagascar and the Mascarene Islands.

Anti-wrinkles



Gatuline® In-Tense

Instant remodeling

Gatuline® In-Tense is a natural active ingredient that acts on the skin's natural lifting properties, for a firmer skin and significantly reduced wrinkles.

- ▶ **INCI:** Caprylic/Capric Triglyceride (and) Spilanthes Acmella Flower Extract
- ▶ **Use level:** 2%
- ▶ **Preservative free**

Claims

- ▶ Reinforces the architecture of the dermis and fights the signs of aging
- ▶ Stimulates the biomechanical functions of fibroblasts
- ▶ Enhances the density of the skin, leading to a reduction in roughness
- ▶ Immediate and effective smoothing action

Origin

Gatuline® In-Tense is a concentrated oily extract taken from the upper part of the *Spilanthes acmella* plant, sourced in South Africa and the Mascarene Islands.



in vitro



ex vivo



in vivo

Anti-wrinkles



Hema'Tite™ Anti-aging mineral complex

Hema'Tite™ is an active rich in iron, extracted from the hematite stone. This anti-aging active stimulates collagen synthesis and increases the thickness of the epidermis with a retinol-like action: wrinkles are erased and skin is visibly firmer and thicker.

- ▶ **INCI:** Hematite Extract
- ▶ **Use level:** 0.5-2%
- ▶ **Preservatives:** Phenoxyethanol 0.4%, Sorbic Acid 0.1%

Claims

- ▶ Rich in iron, an important trace element for collagen production
- ▶ Stimulates collagen synthesis
- ▶ Restores mechanical properties of the skin
- ▶ Visible wrinkle reduction

Origin

The hematite stones used to create the Hema'Tite™ liquid stone extract are sourced in Brazil.



in vitro



ex vivo



in vivo

Complexion



Gatuline® Renew kick-starts the cell renewal process, naturally slowed in aging skin, and acts throughout the epidermis: a perfectly smooth skin, both to eye and to touch, is restored.

- ▶ **INCI:** Butylene Glycol (and) Water (and) Cryptomeria Japonica Bud Extract
- ▶ **Use level:** 1%
- ▶ **Preservative free**
- ▶ **ECOCERT/COSMOS approved**
- ▶ **NPA certified**
- ▶ **NSF compliant**

Claims

- ▶ Restructures and smoothes the skin texture
- ▶ Improves overall skin quality
- ▶ The skin is softer, more supple and comfortable
- ▶ Adapted to sensitive skins

Origin

Gatuline® Renew is a natural extract of handpicked Japanese cedar buds (harvested in La Réunion French Island).



in vitro



ex vivo



in vivo

See page 20 for moisturizing and repairing properties.

Complexion



Gatuline® Radiance

Illuminate & Refine

Gatuline® Radiance enhances microcirculation, bringing blood flow to the surface layers in the skin. This in turn enhances all aspects of a radiant complexion, including skin color, brightness, and luminosity.

- ▶ INCI: Propanediol (and) Evodia Rutaecarpa Fruit Extract
- ▶ Use level: 1-3%
- ▶ Preservative free

Claims

- ▶ Boosts skin microcirculation
- ▶ Fights dullness
- ▶ Enhances skin radiance and luminosity
- ▶ Improves fineness of skin texture

Origin

Gatuline® Radiance is obtained from *Evodia rutaecarpa*, also called Wu-Zhu-Yu, a flowering shrub member of the *Rutaceae* family, a well-known plant in the Chinese Pharmacopoeia.



in vitro



ex vivo



in vivo

Complexion



Gatuline® Spot-Light Age Spot Corrector

Gatuline® Spot-Light tackles age spots, preventively and curatively, via a targeted action at both epidermal and dermal levels, for a brighter skin complexion.

- ▶ **INCI:** Butylene Glycol (and) Actinidia Chinensis (Kiwi) Fruit Water (and) Alcohol (and) Sophora Flavescens Root Extract
- ▶ **Use level:** 3%
- ▶ **Preservative free**
- ▶ **ECOCERT/COSMOS approved**
- ▶ **NPA certified**
- ▶ **NSF compliant**

Claims

- ▶ Acts on both epidermal and dermal causes of age spots
- ▶ Reduces the visibility and number of age spots
- ▶ Fades the appearance of dark spots
- ▶ Lightens skin tone
- ▶ Safe and natural

Origin

Gatuline® Spot-Light is obtained by extraction of active molecules from Asian *Sophora flavescens* and Italian kiwi fruit, using natural, plant-derived solvents.



in vitro



ex vivo



in vivo

Complexion



Malt Secrets™ Protect & Lighten

Derived from malted barley from the beer brewing process, and rich in ferulic acid, Malt Secrets™ fights against pigmentation disorders.

- ▶ INCI: Propanediol (and) Water (and) Hordeum Vulgare Seed Extract
- ▶ Use level: 0.1-1%
- ▶ Preservative free
- ▶ ECOCERT approved
- ▶ NPA certified

Claims

- ▶ Brightening activity
- ▶ Targets uneven skin complexion and age spots

Origin

Malt Secrets™ is composed of 100% pure polyphenols, obtained after the brewing process, in a local partner brewery.



in vitro



ex vivo



in vivo

See page 24 for antioxidant protective activity.

Energizing



Gatuline® RC Bio

Source of youth

Sourced from beech tree buds, Gatuline® RC Bio stimulates cell oxygen consumption for a healthier and younger look.

- ▶ **INCI:** Water (and) Fagus Sylvatica Bud Extract
- ▶ **Use level:** 2-5%
- ▶ **Preservatives:** Benzoic Acid 0.2%, Benzyl Alcohol 3%
- ▶ **ECOCERT/COSMOS certified**
- ▶ **Other grades available:** Gatuline® RC / Gatuline® RP

Claims

- ▶ Boosts cell metabolism
- ▶ Stimulates cell oxygen consumption

Origin

Gatuline® RC Bio is sourced from the buds of the beech tree, in Ardèche (France). Buds have been chosen for their intense concentration in polyphenols, amino acids, and other primary metabolites – bringing activity to this certified organic active.



in vitro



ex vivo



in vivo

See page 19 for moisturizing and repairing properties.

Energizing



An extract of the olivine stone, Oli'Vine™ is an energizing magnesium complex. It increases the cellular energy level and helps the skin cells fight stress.



- ▶ **INCI:** Water (and) Olivine Extract
- ▶ **Use level:** 0.5-3%
- ▶ **Preservative:** Phenoxyethanol 1%



in vitro



ex vivo



in vivo

Claims

- ▶ Boosts cell metabolism
- ▶ Reduces the effect of stress
- ▶ Acts on both keratinocytes and fibroblasts

Origin

Oli'Vine™ is sourced from the stone olivine, also called peridot, in South Africa and North America.

Energizing



Phylderm® Vegetal

Cellular respiration

By increasing the cell energetic potential, Phylderm® Vegetal promotes cellular renewal, improves skin radiance and hair resistance.

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- ▶ **INCI:** Hydrolyzed Soy Protein
- ▶ **Use level:** 5-10%
- ▶ **Preservatives:** Benzoic Acid 0.5%, Sorbic Acid 0.1%

Claims

- ▶ Boosts cell metabolism
- ▶ Provides essential nutrients

Origin

Phylderm® Vegetal is extracted from GMO-free soybeans.



in vitro

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ex vivo

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in vivo

Eye bags & dark circles



Cytobiol™ Lumin-Eye

A brighter look

Cytobiol™ Lumin-Eye simultaneously tackles each of the mechanisms responsible for under-eye bags and dark circles, for a brighter, younger appearance.

- ▶ **INCI:** Butylene Glycol (and) Water (and) Niacinamide (and) Fraxinus Excelsior Bark Extract (and) Silanetriol and Potassium Citrate
- ▶ **Use level:** 5%
- ▶ **Preservative free**

Claims

- ▶ Stimulates skin microcirculation and strengthens capillaries
- ▶ Limits premature aging of the eye contour
- ▶ Visibly hides symptoms of fatigue
- ▶ Reduces under-eye bags and dark shadows

Origin

Cytobiol™ Lumin-Eye is an active blend based on the complementary benefits of three components (Ash tree bark extract, vitamin B3 and organic silicon).



in vitro



ex vivo



in vivo

Moisturizing & repairing



Gatuline® RC Bio

Source of youth

Sourced from beech tree buds, Gatuline® RC Bio increases skin hydration and minimizes the appearance of wrinkles for a healthier and younger look.

- ▶ **INCI:** Water (and) Fagus Sylvatica Bud Extract
- ▶ **Use level:** 2-5%
- ▶ **Preservatives:** Benzoic Acid 0.2%, Benzyl Alcohol 3%
- ▶ **ECOCERT/COSMOS certified**
- ▶ **Other grades available:** Gatuline® RC / Gatuline® RP

Claims

- ▶ Reinforces epidermal architecture
- ▶ Increases the skin hydration level
- ▶ Reduces fine lines

Origin

Gatuline® RC Bio is sourced from the buds of the beech tree, in Ardèche (France). Buds have been chosen for their intense concentration in polyphenols, amino acids, and other primary metabolites – bringing activity to this certified organic active.



in vitro



ex vivo



in vivo

See page 15 for energizing activity.

Moisturizing & repairing



Gatuline® Renew boosts all essential steps of epidermis renewal and accelerates recovery of the skin barrier function.

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- ▶ **INCI:** Butylene Glycol (and) Water (and) Cryptomeria Japonica Bud Extract
- ▶ **Use level:** 1%
- ▶ **Preservative free**
- ▶ **ECOCERT/COSMOS approved**
- ▶ **NPA certified**
- ▶ **NSF compliant**



in vitro

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ex vivo

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in vivo

Claims

- ▶ Kick starts the cell renewal process
- ▶ Builds the skin's own capacity to maintain hydration
- ▶ Helps eliminate dead skin cells
- ▶ Reinforces skin barrier function

Origin

Gatuline® Renew is a natural extract of handpicked Japanese cedar buds (harvested in La Réunion French Island).

See page 11 for complexion smoothing activity.

Moisturizing & repairing



Gatuline® Skin-Repair Bio

Damaged skin rescue

Gatuline® Skin-Repair Bio stimulates epidermal regeneration and promotes cutaneous repair. A smart adaptive active, Gatuline® Skin-Repair Bio delivers just the right amount of activity based on skin needs.

- ▶ INCI: Alcohol (and) Water (and) Onopordum Acanthium Flower/Leaf/Stem Extract
- ▶ Use level: 2%
- ▶ Preservative free
- ▶ ECOCERT certified
- ▶ NSF compliant

Claims

- ▶ Stimulates optimal epidermal reconstruction of dry or damaged skin
- ▶ Restores skin barrier function for enhanced moisturization and protection
- ▶ Acts on collagen synthesis

Origin

Gatuline® Skin-Repair Bio is extracted from the aerial parts of cotton thistle flower (Auvergne, France).



in vitro



ex vivo



in vivo

Protection



Gatuline® Age Defense²

Proactive shield

With a combination of scavenging and energizing molecules, Gatuline® Age Defense² protects the natural antioxidant pool. The skin is protected from external aggressions such as UV and pollution. The resistance towards chrono-aging is reinforced.

- ▶ **INCI:** Water (and) Juglans Regia (Walnut) Seed Extract
- ▶ **Use level:** 0.5-6%
- ▶ **Preservative:** Phenoxyethanol 0.4%

Claims

- ▶ Complete protection against oxidative stress
- ▶ Boosts cell metabolism
- ▶ Fights against extrinsic and intrinsic aging
- ▶ Protects hair and skin from UV, pollution and environmental damage

Origin

Gatuline® Age Defense² is an extract of Grenoble walnut rich in polyphenols, amino acids, mineral salts, and Group B vitamins (bring protection and nourishment to the cells.)



in vitro



ex vivo



in vivo

Protection



Mala'Kîte™ Protective mineral complex

Mala'Kîte™ is a protective copper complex that boosts cellular defense for an anti-aging and detoxifying effect. It helps to protect skin & hair against environmental aggressions.

- ▶ INCI: Water (and) Malachite Extract
- ▶ Use level: 1-5%
- ▶ Preservative free

Claims

- ▶ Anti-oxidant
- ▶ Detoxifying
- ▶ Natural & stable blue colorant

Origin

Mala'Kîte™ is sourced from the stone malakite in Central Africa.



in vitro



ex vivo



in vivo

Protection



Malt Secrets™

Protect & Lighten

Derived from malted barley from the beer brewing process, and rich in polyphenol derivatives with anti-oxidant properties, Malt Secrets™ protects the skin from damage caused by free radicals.

- ▶ INCI: Propanediol (and) Water (and) Hordeum Vulgare Seed Extract
- ▶ Use level: 0.1-1%
- ▶ Preservative free
- ▶ ECOCERT approved
- ▶ NPA certified

Claims

- ▶ Antioxidant protective power
- ▶ Preserves cell vitality and integrity

Origin

To create Malt Secrets™, Gattefossé has partnered with a local brewery to source the pure polyphenols remaining after the brewing process. Pure polyphenols compose 100% of the dry extract of this 100% natural active ingredient.



in vitro



ex vivo



in vivo

See page 14 for skin complexion activity.

Protection



Rhodo'Lîte™ 2

Anti-stress mineral complex

Rhodo'Lîte™ 2 is an anti-stress manganese complex. It offers in-depth protection by preventing UVA induced degradation of fibroblasts.

- ▶ **INCI:** Rhodochrosite Extract
- ▶ **Use level:** 1-5%
- ▶ **Preservatives:** Phenoxyethanol 0.4%, Sorbic Acid 0.1%

Claims

- ▶ Protects fibroblasts against UVA
- ▶ Stimulates natural cell defense functions
- ▶ Deep skin protection

Origin

Rhodochrosite is a manganese carbonate, sourced in Argentina.



in vitro



ex vivo



in vivo

Protection



Zin'Cîte™ is a deeply-protective zinc complex. It offers a genoprotective effect against UVB and protects the dermis against the aging effects of glycation.

- ▶ INCI: Smithsonite Extract
- ▶ Use level: 1-5%
- ▶ Preservative free
- ▶ ECOCERT/COSMOS approved

Claims

- ▶ Long-term skin protection
- ▶ Effective protection of cell DNA against UVB damage
- ▶ Anti-glycation activity
- ▶ Stimulates key stress proteins involved in DNA repair

Origin

The smithsonite gem is a zinc carbonate ($ZnCO_3$) of 100% natural origin. This stone provides a stable and bioavailable zinc-rich liquid active.



in vitro



ex vivo



in vivo

Soothing



Gatuline® Derma-Sensitive

A touch of serenity

An oily extract of caper buds, Gatuline® Derma-Sensitive helps reduce the clinical signs of inflammation and overall improves greatly the comfort of sensitive skins.

- ▶ INCI: Octyldodecyl Myristate (and) Capparis Spinosa Fruit Extract
- ▶ Use level: 2%
- ▶ Preservative free
- ▶ ECOCERT/COSMOS approved
- ▶ NSF compliant

Claims

- ▶ Decreases secretion of pro-inflammatory mediators
- ▶ Reduces clinical signs of inflammation
- ▶ Improves sensitive and hyper-reactive skin comfort

Origin

Gatuline® Derma-Sensitive is extracted from the buds of caper flowers which are harvested in the Mediterranean Basin.



in vitro



ex vivo



in vivo

Extracts

Our natural extracts deliver the perfect activity boost to your formulations. Discover our wide range of fruit and plant extracts.



Gattefossé, a history of plants

Since 1880, Gattefossé has been **a leading manufacturer of botanical extracts**, inspired by nature and created for the cosmetic industry. Our knowledge of the vegetal world enables us to offer a complete range of plant and fruit extracts for cosmetic use.

Targeted extraction technologies

Our researchers develop and select responsible extraction processes to concentrate the best of nature, and therefore **maintain all benefits of the fresh plant**.



Environment being a major concern for Gattefossé, many of our extracts derive from the food processing industry, in the aim of sub-product valorization.

True benefits

Used as co-actives, botanical extracts present many advantages: they are **easy to use and compatible with all types of cosmetic products**.

Particularly rich in essential nutrients, our extracts can be used for moisturizing, nourishing and anti-aging benefits.

Extracts



Fresh Cells™ Plant microcapsules

Fresh Cells™ are cellular suspensions of whole, fresh fruit cells, obtained by a specific enzymatic process. When they come in contact with the skin, they degrade due to enzymes in the epidermis, releasing their precious content into the skin.

- ▶ Available references: Carrot / Kiwi / Mango / Pumpkin / Strawberry
- ▶ Use level: 5%
- ▶ Preservative: Sorbic Acid, Phenoxyethanol, Ethylhexylglycerin

Key benefits

Due to their rich content in nutritive elements, Fresh Cells™ bring to the skin all the benefits of the original plant. As cell walls are protected during extraction, these microcapsules remain intact and visible, even in complex formulations.

Applications

- ▶ **Carrot, Kiwi and Pumpkin:** protection (anti-oxidant potential)
- ▶ **Mango:** skin complexion and moisturization (anti-tyrosinase and anti-hyaluronidase activities)
- ▶ **Strawberry:** moisturization (anti-hyaluronidase activity)

Extracts



Fruit Secrets™ Concentrated fruit juices

Fruit Secrets™ is a range of fruit juices concentrated in targeted molecules, offering their benefits to natural cosmetics. They provide the skin with its daily dose of natural substances such as trace elements, amino acids and vitamins.

- ▶ Available references: Acerola / Apple / Lemon / Orange / Papaya
- ▶ Use level: 0.5-10%
- ▶ Preservative free
- ▶ ECOCERT/COSMOS approved
- ▶ NPA certified

Key benefits

- ▶ **Acerola:** based on an exotic fruit also known as Barbados cherry and particularly rich in vitamin C
- ▶ **Apple:** blend of different apple varieties that contains fruit acids and polyphenols
- ▶ **Lemon:** contains citric acid and citroflavonoids
- ▶ **Orange:** a cocktail of beneficial vitamins, especially vitamin C, nutritive aminoacids, fruit acids and protective citroflavonoids
- ▶ **Papaya:** a natural and gentle peeling agent

Extracts



Original Extracts™ Rethink water

Original Extracts™ are living waters truly designed for cosmetic formulations. Directly obtained from fruits or plants, they contain a well-balanced content of trace elements, mineral salts and essential oils.

- ▶ **ECOCERT/COSMOS approved (100% natural)**
Apple / Bamboo / Grape / Grapefruit / Orange / Ginger / Rice / Kiwi / Lotus
- ▶ **ECOCERT/COSMOS certified (100% organic)**
Cranberry Bio / Cherry Bio / Grape Bio / Orange Bio / Lemon Bio
- ▶ **Use level:** up to 100%
- ▶ **Preservative free**

Key benefits

Obtained without maceration, without addition of external water, these plant and fruit waters can partially or completely substitute the water of cosmetic formulations. Produced from 100% organic fruit, Original Extracts™ Bio are the ideal ingredients for the development of organic certified cosmetics.

Applications

- ▶ **Apple:** anti-aging, energizing lines
- ▶ **Cherry Bio:** anti-aging, revitalizing treatments
- ▶ **Ginger and Rice:** protection, anti-aging
- ▶ **Kiwi:** skin lightening and moisturization
- ▶ **Lemon Bio:** skin lightening
- ▶ **Lotus:** protection, anti-aging, soothing lines

Extracts



Vegetol® Emblematic line of extracts

Discover or rediscover our wide range of botanicals. Oily and/or water soluble, they bring a natural touch to any cosmetic formulation.

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► **Available references:**

Aloe: GR335 OILY, ME200 HYDRO

Arnica: MCF1397 OILY

Bearberry: GR457 HYDRO

Birch Tree: MCF787 HYDRO

Calendula: MCF774 HYDRO, WL1072 OILY

Carrot: GR255 OILY

Common Nettle: MCF801 HYDRO

Cornflower: MCF783 HYDRO

Cucumber: Cp GR049 HYDRO

Ginkgo Biloba: LC416 HYDRO

Ginseng: GR471 HYDRO

Grapefruit: GR403 HYDRO

Henna: MCF1232 HYDRO

Horse Chestnut: MCF1972 HYDRO

Horsetail: MCF860 HYDRO

Hydrocotyl: GR040 HYDRO

Ivy: MCF775 HYDRO

Lavender: MCF1484 HYDRO

Lemon: GR020 HYDRO

Lotus: ME169 HYDRO

Mallow: MCF784 HYDRO

Matricaria: 4140 OILY, GR337 HYDRO, MCF793 HYDRO

Oat: ME166 HYDRO

Quillai: GR038 HYDRO

Red Grapevine: MCF1159 HYDRO

Rose: MCF789 HYDRO

Sage: MCF776 HYDRO, Sp GR051 HYDRO (with Matricaria)

Seaweed: CB4136 HYDRO

Wild Pansy: MCF790 HYDRO

Witch Hazel: MCF2032 HYDRO

Yeast: Lp GR223 HYDRO

Textures

Our sensorial emulsifiers and texturizing agents allow the creation of innovative textures and varied formulations.

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The texture is at the heart of a cosmetic product and is responsible for the creation of different sensations and reactions. For more than fifty years, our experts have contributed to develop a strong know-how in oleochemistry. Using their creativity and expertise, they innovate and create unique lipidic ingredients both functional and sensorial.

Natural origin

The majority of our portfolio is of **100% plant origin**. Our latest developments illustrate our efforts in selecting original, secure and economically viable sources.

As a user of palm oil and palm kernel oil derivatives, Gattefossé is sensitive to the environmental impact of palm tree growing and participates in the development of sustainable cultivation, providing its customers with environmentally responsible ingredients.



Our company is a proactive member of RSPO (Roundtable on Sustainable Palm Oil) since 2010. In 2013, Gattefossé achieved the RSPO supply chain certification. Since then, we offer products certified RSPO Segregated, and more recently, products certified RSPO Mass Balance.

Formulation and sensory analysis

Our team of formulators is in charge of the evaluation of the texture ingredients and the creation of a wide range of cosmetic formulations.

As a texture is difficult to characterize with physical parameters, we have set up a sensorial panel for texture analysis. **This internal panel of sensory experts works closely with our chemists since 1996 to better understand the behavior and benefits of lipochemical ingredients, pure or in formulation.**

Sensorial emulsifiers



Apifil® CG

Melting sensation

Directly obtained from beeswax, Apifil® CG is a moisturizing emulsifier that can be used for all kind of formulations while contributing to skin hydration.

- ▶ **INCI:** PEG-8 Beeswax
- ▶ **Use level:** 2-6%
- ▶ **pH:** 4.5-7
- ▶ **Oil in water formulations**

Claims

- ▶ Derived from beeswax
- ▶ Naturally moisturizing
- ▶ Increases emulsion viscosity and improves spreadability

Sensory profile

- ▶ White and bright emulsions
- ▶ Rich texture yet light after-feel
- ▶ High melting sensation
- ▶ High comfort during application

Recommended associations
(gelling agents)
Acrylic polymers and/or
copolymers + xanthan gum

Emulsification process

High shear

Low shear

Sensorial emulsifiers



Emulfree® Line

Cooling sensation

Thanks to its quick-break effect, Emulfree® induces a refreshing and long-lasting sensation of coolness. It allows the creation of a bi-gel, without any surfactant.

- ▶ **INCI:** Emulfree® CBG: Isostearyl Alcohol (and) Butylene Glycol Cocoate (and) Ethylcellulose
Emulfree® P: Propylene Glycol Laurate (and) Ethylcellulose (and) Propylene Glycol Isostearate
- ▶ **Use level:** 1-6%
- ▶ **pH:** 3-10
- ▶ **Oil in water formulations**

Claims

- ▶ Surfactant free system
- ▶ Water resistant
- ▶ Ultra-light sensation

Sensory profile

- ▶ Quick break effect
- ▶ Refreshing melting sensation
- ▶ Easy & comfortable spread
- ▶ Non greasy, non tacky afterfeel, light residual film
- ▶ Ultra light, fresh textures

Recommended associations
(gelling agents)
Acrylic polymers and/or
copolymers + xanthan gum

Emulsification process

High shear

Low shear

Sensorial emulsifiers



Emulium® 22

Elegant paradox

Emulium® 22 is an O/W emulsifier that creates fine, elegant emulsions with a transforming skin feel. The extreme fineness of emulsion obtained with Emulium® 22 allows an optimal dispersion of pigments and filters.

- ▶ INCI: Tribehenin PEG-20 Esters
- ▶ Use level: 2-6%
- ▶ pH: 3-8
- ▶ Oil in water formulations

Claims

- ▶ High stability
- ▶ Refined touch
- ▶ Fine emulsions
- ▶ Good compatibility with sunscreens and pigments

Sensory profile

- ▶ Paradox between appearance and feel
- ▶ Bright, creamy and rich appearance
- ▶ Excellent pick-up
- ▶ Evanescent feel (light and thin)
- ▶ Easy spreading and rapid absorbency
- ▶ Non greasy, non tacky afterfeel
- ▶ Matte finish and very light film residue

Recommended associations
(gelling agents)
Acrylic polymers and/or
copolymers + xanthan gum

Emulsification process

High shear

Low shear

Sensorial emulsifiers



Emulium® Delta MB

Velvet touch

Imagine an emulsifier that does not only help solve all kind of formulating problems but will also bring a luxurious soft and velvety feel.

- ▶ **INCI:** Cetyl Alcohol (and) Glyceryl Stearate (and) PEG-75 Stearate (and) Ceteth-20 (and) Steareth-20
- ▶ **Use level:** 2-6%
- ▶ **pH:** 3-13
- ▶ **Certified RSPO Mass Balance**
- ▶ **Oil in water formulations**



RSPO - 1106117

Claims

- ▶ Strong emulsifying and stabilizing properties
- ▶ Solution for difficult formulations
- ▶ Velvet touch

Sensory profile

- ▶ Creamy emulsions
- ▶ Soft, velvety feel
- ▶ Non greasy, non tacky afterfeel

Recommended associations (gelling agents)

All

Emulsification process

High shear

Low shear

Sensorial emulsifiers



Emulium® Kappa²

Natural sensuality

Gattefossé has developed Emulium® Kappa² to answer formulators' need for an emulsifier of natural origin, with no PEG, multi-functional, able to produce stable emulsions, providing an added value in terms of activity and offering a unique sensorial identity.

- ▶ **INCI:** Candelilla/Jojoba/Rice Bran Polyglyceryl-3 Esters (and) Glyceryl Stearate (and) Cetearyl Alcohol (and) Sodium Stearoyl Lactylate
- ▶ **Use level:** 2.5-6%
- ▶ **pH:** 5-8
- ▶ **ECOCERT approved**
- ▶ **NPA certified**
- ▶ **NSF compliant**
- ▶ **Oil in water formulations**

Claims

- ▶ PEG-free emulsifier derived from natural waxes
- ▶ Active textures - moisturization
- ▶ Cushion feel

Sensory profile

- ▶ Very glossy, rich and luxury textures
- ▶ Long playtime
- ▶ Extreme softness
- ▶ Cushion feel

Recommended associations
(gelling agents)
Bentonite or microcrystalline cellulose (and) cellulose gum
Poorly compatible with acrylic polymers and copolymers

Emulsification process

High shear

Low shear

Sensorial emulsifiers



Emulium® Mellifera MB

Designed to delight

Based on a patented technology which transforms and functionalizes natural waxes, Emulium® Mellifera MB auto-adapts to the climate in which we live, bringing guaranteed pleasure to all users.

- ▶ **INCI:** Polyglyceryl-6 Distearate (and) Jojoba Esters (and) Polyglyceryl-3 Beeswax (and) Cetyl Alcohol
- ▶ **Use level:** 2-4%
- ▶ **pH:** 4-10
- ▶ **Certified RSPO Mass Balance**
- ▶ **COSMOS approved**
- ▶ **NPA certified**
- ▶ **Oil in water formulations**



Claims

- ▶ PEG-free emulsifier
- ▶ Auto adapts to climate
- ▶ Moisturizing
- ▶ Anti-Pollution
- ▶ Adapted to sensitive and hyper reactive skin (clinically tested)

Sensory profile

- ▶ White and glossy textures
- ▶ Very low residual film
- ▶ Smooth and comfortable afterfeel

Recommended associations
(gelling agents)
All
(max 0.2% of acrylate
polymers and copolymers)

Emulsification process

High shear

Low shear

Sensorial emulsifiers



Plurol® Line Natural emulsifiers

Discover our range of emulsifiers that are 100% of natural origin and thus approved as suitable ingredients to be used in organic certified cosmetic formulations. They are particularly adapted for sensitive and sensitized skins, including babies and kids.

- ▶ **INCI:** Plurol® Diisostearique CG: Polyglyceryl-3 Diisostearate (water in oil formulations)
Plurol® Stearique: Polyglyceryl-6 Distearate (oil in water formulations)
- ▶ **Use level:** 4-6%
- ▶ **pH:** 5.5-10
- ▶ **ECOCERT/COSMOS approved**
- ▶ **NPA certified**
- ▶ **NSF compliant**

Claims

- ▶ 100% Natural
- ▶ PEG-free emulsifier
- ▶ Naturally water resistant (Plurol® Diisostearique CG)
- ▶ Creamy textures with mat and powdery finish (Plurol® Stearique)

Sensory profile

- ▶ Very white and glossy emulsions
- ▶ Light, non greasy and non tacky textures
- ▶ Presence and comfort during application
- ▶ Easy spreading
- ▶ Leaves a satin-like film on the skin

Can be used alone or in combination with Acticire® MB. Compatible with inorganic powders. Consistency agents recommended to improve stability.

Emulsification process

High shear

Low shear

Texturizing specialties



Acticire® MB

Active waxes

A 100% natural texturizing agent based on a complex of jojoba, mimosa and sunflower waxes, functionalized with polyglycerol, Acticire® MB forms a soft, smooth film that protects the skin from dehydration and ensures a comfortable skin feel that lasts throughout the day.

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- ▶ **INCI:** Jojoba Esters (and) Acacia Decurrens Flower Wax (and) Helianthus Annuus (Sunflower) Seed Wax (and) Polyglycerin-3
- ▶ **Use level:** 1-5%
- ▶ **Certified RSPO Mass Balance**
- ▶ **COSMOS approved**



Claims

- ▶ Improves stability of formulations
- ▶ Allows innovative formulations
- ▶ Improves sensoriality
- ▶ Brings durable moisturization and comfort

Product info

Thanks to a patented technology, Gattefossé has transformed these 3 vegetable waxes, which are transesterified in presence of vegetable polyglycerin, to render them more compatible and more stable in emulsion and with new sensorial advantages.

Texturizing specialties



Compritol® 888 CG

Multifunctional texturizing agent

A multifunctional texturizing agent that will help create successful skin care and make up products, Compritol® 888 CG gives body to emulsions and anhydrous gels, but can also bind with powders and pigments for surprising results.

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- ▶ INCI: Glyceryl Behenate
- ▶ Use level: 0.5-25%
- ▶ Ecological and Organic cosmetics
- ▶ NPA certified
- ▶ NSF compliant

Claims

- ▶ Compacting agent
- ▶ Oil thickener
- ▶ Powdery sensuality
- ▶ Emulsion stabilizer

Product info

100% of vegetable origin, Compritol® 888 CG is made by esterification of glycerin with behenic acid obtained from rapeseed oil.

Texturizing specialties



Vegetable and sustainable texturizing butter, Lipocire™ A SG is composed of 100% RSPO Segregated sustainable palm and palm kernel oils. It has very good affinity with the skin hydro-lipidic film.

.....

- ▶ INCI: C10-18 Triglycerides
- ▶ Use level: 2-10%
- ▶ Certified RSPO Segregated
- ▶ ECOCERT/ COSMOS approved
- ▶ NPA certified
- ▶ NSF compliant



RSPO - 1106117

Claims

- ▶ Vegetable butter
- ▶ Perfect heat stability
- ▶ Gives body to emulsions
- ▶ Improves spreadability and comfort

Sensory profile

- ▶ Melting sensation upon application
- ▶ Body and creaminess
- ▶ Light afterfeel

Dispersants & efficacy boosters



Cocoate™ BG

Enhancing pigment performance

Cocoate™ BG combines complementary properties required for efficient cosmetic products: emollient, solubilizer for organic filters and powerful wetting agent for pigments and mineral filters. Easily compatible, it also facilitates spreadability and gives a soft and pleasant finish.

.....

- ▶ INCI: Butylene Glycol Cocoate
- ▶ Use level: 1-15%

Claims

- ▶ Pigment wetting agent
- ▶ Organic UV filter solubilizer
- ▶ Emollient

Product info

Powerful and multi-active ingredient, easy to use. Ideal for make up pigment dispersion and sun filters. Improves SPF.

Dispersants & efficacy boosters



Transcutol® CG

Solubilizer & efficacy booster

Transcutol® CG is a powerful solvent renowned for its non-irritant properties that has been used in the cosmetics and pharmaceutical industry for decades. The reasons for its success lie in its acknowledged efficiency as a solvent and efficacy booster, its exceptional safety and its versatility of use.

- ▶ INCI: Ethoxydiglycol
- ▶ Use level: 2-30%*

Claims

- ▶ Superior solubilizer
- ▶ Efficacy booster for cosmetic formulations (substantiated *in vivo*)
- ▶ Highest purity

Product info

Transcutol® CG has been used in the pharmaceutical industry for over 40 years and has an excellent safety profile.

* Restricted use levels in Europe: rinse-off products: up to 10% / oxidative hair dye formulations: up to 7% / non-oxidative hair dye formulations: up to 5% / spray products, fine fragrances, hair sprays, antiperspirants/deodorants: up to 2.6% / all cosmetic products: up to 2.6%

Emollients



Sensorial emollients

Improving feel and spreadability

Our sensorial emollients are dedicated to all fields of application. They contribute to the formation of a protective film and maintain the barrier function of the skin.

	INCI	Use Level	Characteristics	Natural Status
DPPG CG	Propylene Glycol Dipelargonate	1-30%	Provides a light feel	
ISOSTEARYL ISOSTEARATE	Isostearyl Isostearate	1-30%	Suitable for lipsticks Binding agent for makeup powders Provides superfatting properties and balances the drying effect of powders	
LABRAFAC™ CC	Caprylic / Capric Triglyceride	1-30%	Crystal-clear grade	ECOCERT/COSMOS approved
MOD	Octyldodecyl Myristate	1-30%	Provides a soft feel	ECOCERT/COSMOS approved



Formulary

Get ideas from our lab.

Discover our best formulas featuring our actives and textures.

PERFECT CONTOUR

(1897-1.15)

Contour cream with a texture specially designed for zoning eye and lip wrinkles



- ▶ Gatuline® Link n Lift
- ▶ Gatuline® Expression AF
- ▶ Emulium® Kappa²
- ▶ Lipocire™ A SG
- ▶ Original Extract™ Cherry Bio
- ▶ Labrafac™ CC

EXPRESSED SERUM

(1869-1.14)

Korean-inspired pressed serum with an immediate smoothing effect



- ▶ Gatuline® Link n Lift
- ▶ Gatuline® Expression AF
- ▶ Emulium® Delta
- ▶ Emulfree® CBG

NATURAL SECOND-SKIN FOUNDATION

(1936-1.01)

All natural foundation with a soft and silky feel



- ▶ Gatuline® Link n Lift
- ▶ Gatuline® Radiance
- ▶ Emulium® Mellifera MB
- ▶ Lipocire™ A SG
- ▶ MOD
- ▶ Labrafac™ CC

CHEERFUL LIPS

(1545-3.07)

Raspberry colored lipstick with mattifying and long-lasting moisturizing properties



- ▶ Acticire® MB
- ▶ Plurol® Diisostearique CG

D'MAKE-UP WAX

(SF 1295/B)

Make-up remover with transforming balm to oil texture



- ▶ Acticire® MB
- ▶ Plurol® Diisostearique CG



DAILY REVITALIZER

(1661-1.06)

Luxurious and comfortable daily cream with evanescent feel



- ▶ Gatuline® Renew
- ▶ Emulium® 22
- ▶ Lipocire™ A SG

AGE-SPOT REDUCTION MIST

(1742-1.01)

Light and fresh sprayable emulsion that reduces age spots



- ▶ Gatuline® Spot-Light
- ▶ Emulium® Mellifera MB
- ▶ Lipocire™ A SG
- ▶ Original Extract™ Apple
- ▶ Original Extract™ Cherry Bio
- ▶ Original Extract™ Lotus

SUN CONTROL HIGH PROTECTION CREAM SPF50+

(1608-1.09)

High SPF sunscreen for sensitive skins, adapted to all climates



- ▶ Emulium® Mellifera MB
- ▶ Cocoate™ BG

REFRESH & PROTECT BI-GEL SPF30

(1641-2.04)

Sprayable and naturally waterproof sunscreen that refreshes and protects



- ▶ Emulfree® CBG
- ▶ Acticire® MB

MUM AND BABY BALM

(1304-1.01)

Natural high-tolerance nourishing balm, containing only a limited number of edible ingredients



- ▶ Lipocire™ A SG
- ▶ Compritol® 888 CG
- ▶ Geleol Mono and Diglycerides NF

All products

Push list	Sample size	Packaging
Acerola Secrets™	50 g	25 kg
Acticire® MB	400 g	1 kg / 10 kg
Apifil® CG	250 g	25 kg
Apple Secrets™	100 g	25 kg
Bamboo Exfoliating Ext 315 mic	30 g	5 kg / 25 kg
Cocoate™ BG	200 g	25 kg
Compritol® 888 CG Ato	200 g	25 kg
Compritol® 888 CG Pellets	250 g	25 kg
Cytobiol™ Burdock ²	100 g	5 kg
Cytobiol™ Iris A ²	100 g	5 kg
Cytobiol™ Lumin-Eye	100 g	5 kg
DPPG CG	200 g	25 kg / 200 kg
Emulcire™ 61 WL 2659 CG	250 g	25 kg
Emulfree® CBG	100 g	20 kg
Emulfree® P	100 g	20 kg
Emulium® 22	250 g	25 kg
Emulium® Delta MB	250 g	25 kg
Emulium® Kappa ²	250 g	25 kg
Emulium® Mellifera MB	250 g	25 kg
Equiveda ²	100 g	5 kg
Fresh Cells™ Carrot PFE	100 g	5 kg
Fresh Cells™ Kiwi PFE	100 g	5 kg
Fresh Cells™ Mango PFE	100 g	5 kg
Fresh Cells™ Pumpkin PFE	100 g	5 kg
Fresh Cells™ Strawberry PFE	100 g	5 kg
Gatuline® A	10 g	400 g
Gatuline® Age Defense ²	100 g	1 kg / 5 kg / 25 kg
Gatuline® Derma-Sensitive	100 g	800 g / 4 kg
Gatuline® Expression	100 g	800 g / 4 kg
Gatuline® Expression AF	100 g	5 kg
Gatuline® In-Tense	200 g	5 kg / 25 kg
Gatuline® Link n Lift	100 g	5 kg
Gatuline® Radiance	100 g	1 kg / 5 kg
Gatuline® RC	100 g	1 kg / 5 kg
Gatuline® RC Bio	100 g	5 kg
Gatuline® Renew	100 g	5 kg
Gatuline® RP	100 g	5 kg
Gatuline® Skin-Repair Bio	100 g	4 kg
Gatuline® Spot-Light	100 g	5 kg
Gelot™ 64 CG	250 g	25 kg
HemaTite™	50 g	1 kg / 5 kg
Isostearyl Isostearate	200 g	20 kg / 185 kg
Labrafac® CC	200 g	25 kg / 200 kg
Labrafil® M 1944 CS CG	200 g	25 kg
Labrafil® M 2130 CS CG	450 g	18 kg
Lemon Secrets™	100 g	20 kg
Lipocire™ A SG	250 g	20 kg
Lipocire™ CM SG	250 g	20 kg

Push list	Sample size	Packaging
Lipocire™ DM SG	250 g	20 kg
Lycosol™	100 g	5 kg / 25 kg
Mala'Kite™	100 g	1 kg / 5 kg
Malt Secrets™	100 g	5 kg
MOD	200 g	20 kg / 185 kg
Oli'Vine™	100 g	1 kg / 5 kg
Orange Secrets™	100 g	20 kg
Original Extract™ Apple	100 g	20 kg
Original Extract™ Bamboo	100 g	20 kg
Original Extract™ Cherry Bio	100 g	20 kg
Original Extract™ Cranberry Bio	100 g	20 kg
Original Extract™ Ginger	100 g	20 kg
Original Extract™ Grape	100 g	20 kg
Original Extract™ Grape Bio	100 g	20 kg
Original Extract™ Grapefruit	100 g	20 kg
Original Extract™ Kiwi	100 g	20 kg
Original Extract™ Lemon Bio	100 g	20 kg
Original Extract™ Lotus	100 g	20 kg
Original Extract™ Orange	100 g	20 kg
Original Extract™ Orange Bio	100 g	20 kg
Original Extract™ Rice	100 g	20 kg
Pancogene® Marin ²	100 g	5 kg
Papaya Secrets™	50 g	25 kg
Phyltherm® Vegetal	100 g	1 kg / 5 kg / 25 kg
Plurol® Diisostearique CG	200 g	25 kg
Plurol® Stearique WL 1009	250 g	25 kg
Rhodo'Lite™ ²	100 g	1 kg / 5 kg
Sedefos™ 75 CG Pellets	250 g	25 kg
Tefose® 1500 CG	450 g	10 kg / 20 kg
Tefose® 2000 CG	450 g	10 kg
Tefose® 2561 CG	450 g	10 kg / 20 kg
Tefose® 63 CG	450 g	10 kg / 20 kg
Tefose® HC	250 g	25 kg
Transcutol® CG	200 g	25 kg / 200 kg
Vedacalm™ B	200 g	5 kg
Vegetol® Calendula WL1072 Oily	200 g	20 kg
Vegetol® Grapefruit GR403 Hydro	100 g	25 kg
Vegetol® Lemon GR020 Hydro	100 g	25 kg
Vegetol® Matricaria MCF793 Hydro	100 g	25 kg
Vegetol® Oat ME166 Hydro	100 g	25 kg
Vegetol® Seaweed CB4136 Hydro	100 g	25 kg
Zin'Cite™	100 g	1 kg / 5 kg

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People make our name