

GATTEFOSSÉ

• PERSONAL CARE

Product guide

2024 Edition





About our company ●

The Gattefossé Group is a community of employees, all driven by a dual mission: the performance of the products and the personalized support to customers. Gattefossé develops, manufactures and sells cosmetic ingredients and pharmaceutical excipients of natural origin for the beauty and health industries worldwide, through 12 affiliated companies and a network of global agents and distributors in 80 countries.

Environmental and social issues have always been part of the culture of this French and independent family business, founded in Lyon in 1880. Today, Gattefossé relies on a purposeful Corporate Social Responsibility (CSR) approach to build its innovation and development strategy.



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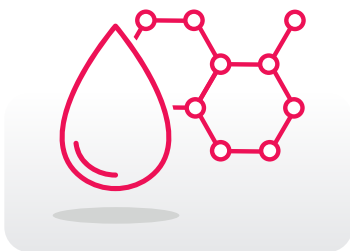
15 Gatt'Up & Act

COMPLEMENTARY FIELDS

OF EXPERTISE

For more than 140 years, successive generations of scientists have been contributing to the development of Gattefossé's know-how in plant and lipid chemistries.

This expertise has extended throughout the years to other complementary fields to develop, produce and market first-class bioactives and functional ingredients with services of a consistently high quality, while leading the way for innovation and creativity.



Lipid chemistry

We have developed unique, respected expertise in lipid chemistry over the last 70 years. Gattefossé patented an environmental-friendly technology, transforming and functionalizing liquid and solid waxes to create innovative texturizing agents: the **wax butter technology**. These transformations improve waxes behavior and functionality, and provide good moisturizing properties and enhanced sensory attributes.

Sustainable sourcing

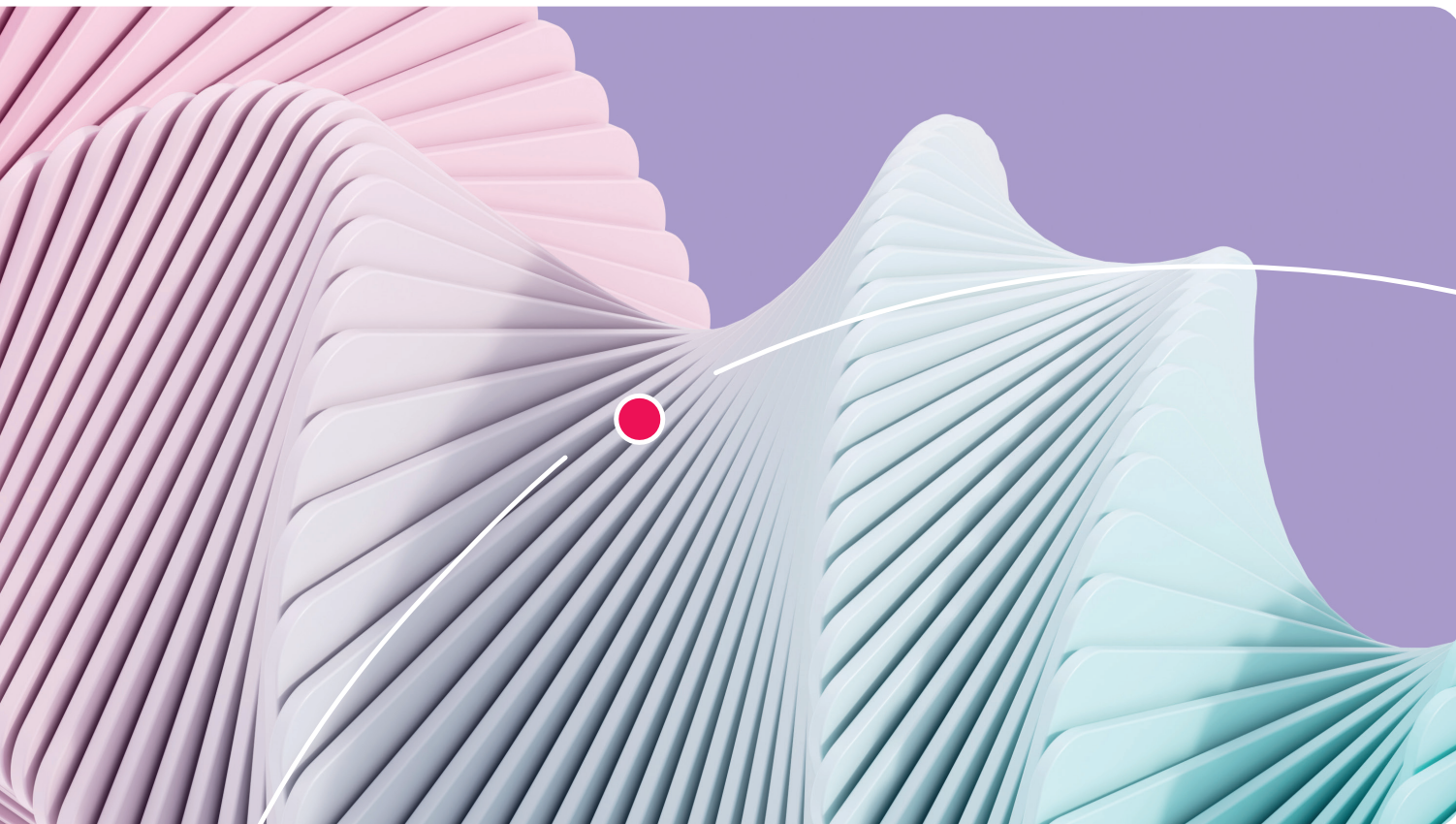
Our ingredients are RSPO segregated or mass balance certified when based on palm derivatives.

Application laboratories

Our formulators demonstrate the benefits of our ingredients, develop prototype formulations and provide advanced technical support to customers.

Sensory analysis

As a leader in the field, we have established a panel of experts specialized in the characterization of textures. They actively participate in the development of our sensorial ingredients.



Plant chemistry

Gattefossé has long excelled at plant chemistry.

Over the years, the company gradually expanded this core expertise to include selective extraction of phytochemicals and provide the cosmetics industry with innovative and high-quality active ingredients.

Sustainable sourcing

According to high traceability standards, in the respect of our responsible sourcing policy, we ensure that our raw material supply chain is sustainable and worthy of trust.

Innovation in plant extraction technology

We adapt our extraction procedures to each raw material and expected results. Specialist engineers are constantly searching for innovation, to complete the range of available techniques and solvents. The development of Natural Deep Eutectic Solvent (NaDES) technology has leveraged our capacity to manufacture performant yet totally natural active ingredients, derived from plants.

Objective substantiation of claims

Following extraction, actives undergo a series of efficacy testing. Gattefossé opened a skin biology laboratory in 2013. The scientists work on skin tissues, to develop innovative investigative models and cosmetic substantiation tests. Finally, clinical evaluations are conducted with renowned partner laboratories following high level of requirements.

Sensorial and functional ingredients

A wide range of functionalities

Name	O/W emulsifier	W/O emulsifier	Dispersant	Efficacy booster	Emollient	Texturizing agent
Acticire® MB						•
Apifil® CG	•					
Compritol® 888 CG MB						•
Definicire®						•
DPPG CG			•		•	
Emulfree® CBG MB	•					
Emulium® 22 MB	•					
Emulium® Delta MB	•					
Emulium® Dermolea MB	•					
Emulium® Dolcea MB	•					
Emulium® Illustro		•	•			
Emulium® Kappa MB	•					
Emulium® Mellifera MB	•					
Isostearyl Isostearate					•	
Labrafac™ CC MB					•	
Lipocire™ A SG					•	•
MOD MB					•	
Plurol® Diisostearique CG		•	•			
Plurol® Stearique MB	•					
Transcutol® CG				•		



For a wide range of applications

		Haircare	Makeup	Skincare	Suncare
Emulsifiers & stabilizers	Apifil® CG			● (Light) ● (Moisturizing)	● (Light) ● (Moisturizing)
	Emulfree® CBG MB		● (Light)	● (Light)	● (Light) ● (Water resistance)
	Emulium® 22 MB		● (Light)	● (Light)	● (Light) ● (Water resistance)
	Emulium® Delta MB	● (Soft)	● (Soft)	● (Soft)	● (Soft)
	Emulium® Dermolea MB	● (Light)	● (Light) ● (Moisturizing) ● (Protection) ● (Soothing)	● (Light) ● (Moisturizing) ● (Protection) ● (Soothing)	● (Light) ● (Moisturizing) ● (Protection) ● (Soothing)
	Emulium® Dolcea MB	● (Soft)	● (Soft) ● (Moisturizing)	● (Soft) ● (Moisturizing)	● (Soft) ● (Moisturizing)
	Emulium® Illustro		● (Rich)	● (Rich)	● (Rich) ● (Water resistance)
	Emulium® Kappa MB	● (Soft)		● (Soft) ● (Moisturizing)	
	Emulium® Mellifera MB	● (Light)	● (Light) ● (Moisturizing) ● (Protection) ● (Soothing)	● (Light) ● (Moisturizing) ● (Protection) ● (Soothing)	● (Light) ● (Moisturizing) ● (Protection) ● (Soothing)
	Plurol® Diisostearique MB		● (Rich)	● (Rich)	● (Rich) ● (Water resistance)
	Plurol® Stearique MB			● (Light)	
Texturizing agents	Acticire® MB		● (Moisturizing)	● (Moisturizing)	● (Moisturizing)
	Compritol® 888 CG MB	● (Light)	● (Light)	● (Light)	● (Light)
	Definicire®	● (Light) ● (Protection)	● (Light) ● (Protection)		
	Lipocire™ A SG		● (Rich)	● (Rich)	● (Rich)
Emollients	DPPG CG MB		● (Light)	● (Light)	● (Light)
	Isostearyl Isostearate			● (Rich)	
	Labrafac™ CC MB	● (Rich)		● (Rich)	
	MOD MB	● (Rich)		● (Rich)	



Gattefossé creates application kits on different thematics available upon request to your local sales representative.
The listed applications above are not exhaustive.

Sensoriality

- (Rich)
- (Medium)
- (Soft)
- (Light)

Claims

- (Moisturizing)
- (Protection)
- (Soothing)
- (Water resistance)



Name	INCI	Natural origin*	COSMOS
Acticire® MB	Jojoba Esters (and) Helianthus Annuus (Sunflower) Seed Wax (and) Acacia Decurrens Flower Wax (and) Polyglycerin-3	100%	Approved**
Apifil® CG	PEG-8 Beeswax	>50%	
Compritol® 888 CG MB	Glyceryl Behenate	100%	Approved**
Definicire®	Jojoba Esters (and) Helianthus Annuus (Sunflower) Seed Wax (and) Polyglycerin-3	100%	Approved**
DPPG CG	Propylene Glycol Dipelargonate	<50%	
Emulfree® CBG MB	Isostearyl Alcohol (and) Butylene Glycol Cocoate (and) Ethylcellulose	<50%	
Emulium® 22 MB	Tribehenin PEG-20 Esters	>50%	
Emulium® Delta MB	Cetyl Alcohol (and) Glyceryl Stearate (and) PEG-75 Stearate (and) Ceteth-20 (and) Steareth-20	>50%	
Emulium® Dermolea MB	Polyglyceryl-6 Distearate (and) Candelilla/Jojoba/Rice bran Polyglyceryl-3 Esters	100%	Approved**
Emulium® Dolcea MB	Cetearyl Alcohol (and) Glyceryl Stearate (and) Jojoba Esters (and) Helianthus Annuus (Sunflower) Seed Wax (and) Sodium Stearoyl Glutamate (and) Water (and) Polyglycerin-3	100%	Approved**
Emulium® Illustro	Polyglyceryl-6 Polyhydroxystearate (and) Polyglyceryl-6 Polyricinoleate (and) Polyglycerin-6	100%	Approved**
Emulium® Kappa MB	Candelilla/Jojoba/Rice Bran Polyglyceryl-3 Esters (and) Glyceryl Stearate (and) Cetearyl Alcohol (and) Sodium Stearoyl Lactylate	100%	Approved**
Emulium® Mellifera MB	Polyglyceryl-6 Distearate (and) Jojoba Esters (and) Polyglyceryl-3 Beeswax (and) Cetyl Alcohol	100%	Approved**
Isostearyl Isostearate	Isostearyl Isostearate	<50%	
Labrafac™ CC MB	Caprylic / Capric Triglyceride	100%	Approved**
Lipocire™ A SG	C10-18 Triglycerides	100%	Approved**
MOD MB	Octyldodecyl Myristate	100%	Approved**
Plurol® Diisostearique CG	Polyglyceryl-3 Diisostearate	100%	Approved**
Plurol® Stearique MB	Polyglyceryl-6 Distearate	100%	Approved**
Transcutol® CG	Ethoxydiglycol	<50%	

* according to the ISO 16128

**non organic ingredients

***restricted use levels in Europe



Use level	Claims	China: NPMA notified	Packaging
1-5%	Improves stability and sensoriality of emulsions Allows innovative formulations Brings moisturization and comfort	✓	1 kg 8 kg
2-6%	Derived from beeswax Naturally moisturizing Increases emulsion viscosity and improves stability	✓	25 kg
0.5-15%	Oil thickener Powder touch Emulsion stabilizer	✓	25 kg
2%	Increases hair hydrophobicity Ensures hair discipline Protects from pollution	✓	1 kg 8 kg
1-30%	Provides a light feel	✓	25 kg 200 kg
1-6%	Surfactant free system Water resistant Ultra-light sensation	✓	20 kg
2-6%	Refined touch Fine emulsions Good compatibility with sunscreens and pigments	✓	25 kg
2-6%	Strong emulsifying and stabilizing properties Solution for difficult formulations Velvet touch	✓	25 kg
2-4%	Moisturizing and anti-pollution benefits Adapted to sensitive skin with long-term soothing effect Light residual film	✓	25 kg
3-5%	The most robust of Gattefossé's natural emulsifiers Immediate and long-term moisturization Extreme softness	✓	25 kg
3-5%	Ideal for color cosmetics and suncare emulsions Ultra-fluid to thick textures Combines performance and flexibility	✓	25 kg
2.5-6%	Derived from natural waxes Active textures (moisturization) Cushion feel	✓	25 kg
2-4%	Auto adapts to climate Moisturizing and anti-pollution benefits Adapted to sensitive and hyper reactive skin, microbiome friendly	✓	25 kg
1-30%	Binding agent Provides superfatting properties Suitable for lipsticks	✓	20 kg 185 kg
1-30%	Crystal-clear grade	✓	25 kg 200 kg
2-10%	Perfect heat stability Gives body to emulsions Improves spreadability and comfort	✓	20 kg
1-30%	Provides a soft feel	✓	20 kg 185 kg
4-6%	Water in oil formulations Pigment wetting properties	✓	25 kg
4-6%	Creates creamy textures Matte and powdery after-feel	✓	25 kg
2-30%***	Superior solubilizer Efficacy booster for cosmetic formulations Highest purity	✓	25 kg 200 kg

The information given in this brochure is presented in good faith and we believe that it is correct at the moment of printing, but no warranty as to accuracy of results or fitness for a particular use is given. It cannot substitute for indispensable preliminary tests that must be conducted to ensure product suitability for each intended use. Nothing herein shall be construed as a recommendation or license to use any information that conflicts with any patent or trademark of our company or others. We make no representations or warranties, express or implied that any use of this information will not infringe any such patent or trademark. The user's attention is also drawn to the possible risks incurred if a product is used for a purpose other than its designed purpose. The user shall be solely liable for the precautions taken relevant to the use made of the products. This information does not exempt the user from ensuring that he may possibly come under other obligations pursuant to laws or regulations other than those indicated relating to the possession and manipulation of the product for which he shall be solely liable.

Plant-derived bioactives

A wide range of claims

Name	Acne & sebum control	Anti-pollution	Anti-sagging	Anti-wrinkles	Complexion enhancement	Energizing	Eye bags & dark circles reduction	Firming	Moisturizing	Protection	Repairing	Skin lightening	Soothing
Cytobiol™ Iris A ²	•												
Cytobiol™ Lumin-Eye							•						
EleVastin™			•	•									
EnergiNius®		•				•		•		•			
Eyeglorius™							•						
Gatuline® Age Defense NP		•								•			
Gatuline® Derma-Sensitive													•
Gatuline® Expression AF				•									
Gatuline® In-Tense MB				•				•					
Gatuline® Link n Lift				•									
Gatuline® Radiance		•			•								•
Gatuline® RC Bio						•			•				
Gatuline® Renew					•				•				
Gatuline® Skin-Repair AF											•		
Gatuline® Spot-Light					•							•	
Hema'Tite™				•									
Mala'Kite™										•			
Oli'Vine™ ST						•							
Phyltherm® Vegetal						•							
Rhodo'Lite™ ²										•			
Solastemis® PF				•	•					•			
Zin'Cite™										•			



For a wide range of applications

	Haircare	Makeup	Skincare	Suncare
Cytobiol® Iris A ²		✓	✓	
Cytobiol® Lumin-Eye		✓	✓	
EleVastin™		✓	✓	
EnergiNius®		✓	✓	✓
Eyeglorius™ 		Best	✓	
Gatuline® Age Defense NP	Best	✓	✓	✓
Gatuline® Derma-Sensitive 		Best	✓	✓
Gatuline® Expression AF		✓	✓	
Gatuline® In-Tense MB 		Best	✓	
Gatuline® Link n Lift		✓	✓	
Gatuline® Radiance	✓	✓	✓	✓
Gatuline® RC Bio		✓	✓	
Gatuline® Renew	✓	✓	✓	✓
Gatuline® Skin-Repair AF	✓	✓	✓	✓
Gatuline® Spot-Light		✓	✓	✓
Hema'Tite™		✓	✓	
Mala'Kite™		✓	✓	✓
Oli'Vine™ ST		✓	✓	
Phylderm® Vegetal	✓	✓	✓	
Rhodo'Lite™ ²		✓	✓	✓
Solastemis® PF		✓	✓	Best
Zin'Cite™		✓	✓	✓



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 Lipophilic



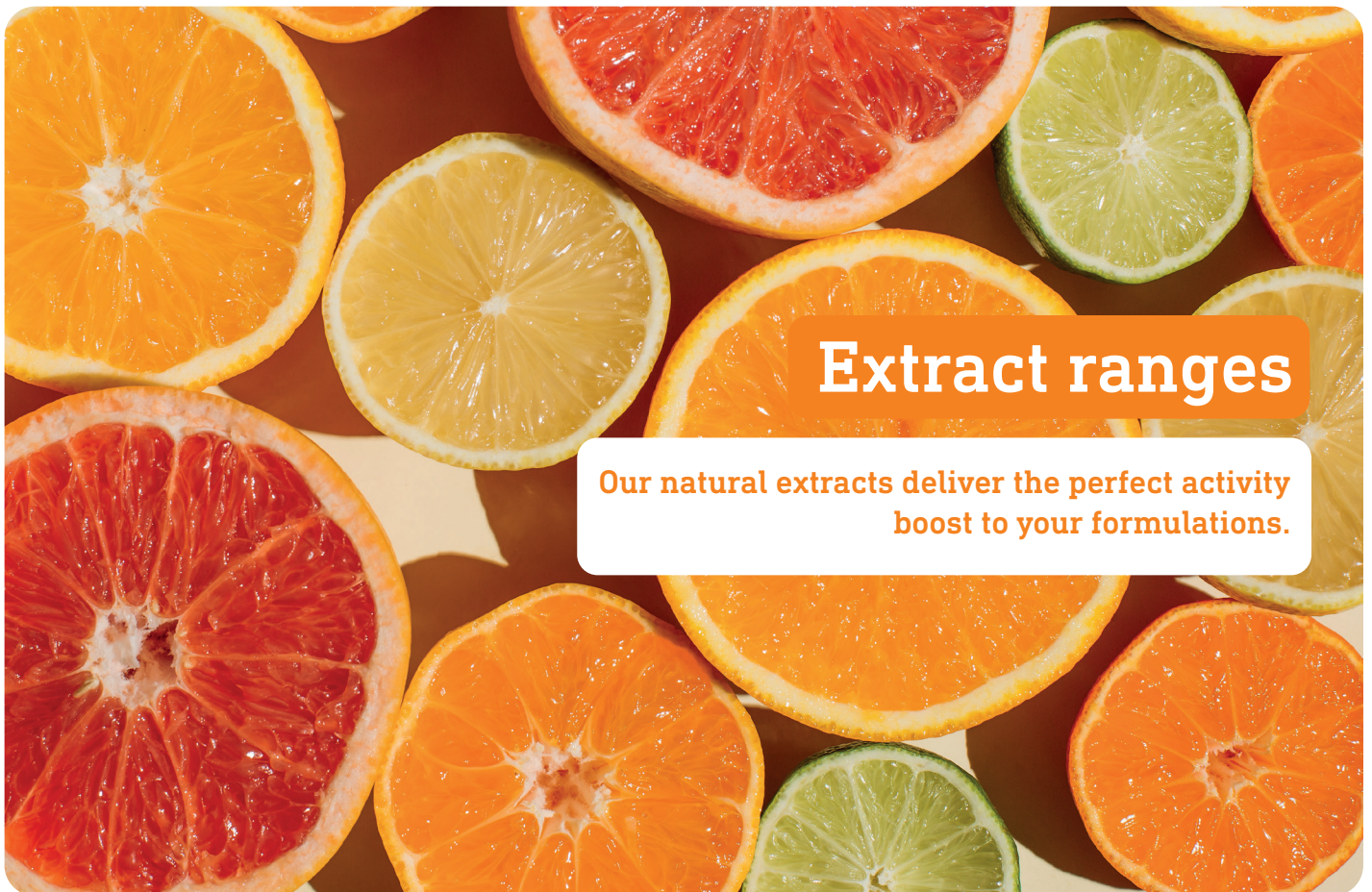
Name	INCI	Preservative	Natural origin*	COSMOS
Cytobiol™ Iris A²	Propanediol (and) Water (and) Alcohol (and) Iris Florentina Root Extract (and) Zinc Sulfate (and) Retinyl Palmitate	Preservative free	≥99%	
Cytobiol™ Lumin-Eye	Butylene Glycol (and) Water (and) Niacinamide (and) Fraxinus Excelsior Bark Extract (and) Silanetriol	Preservative free	≤50%	
EleVastin™	Betaine (and) Water (and) Propanediol (and) Murraya Koenigii Stem Extract	Preservative free	100%	Approved**
EnergiNius®	Fructose (and) Glycerin (and) Water (and) Withania Somnifera Root Extract	Potassium Sorbate 0.10-0.22% Citric Acid 0.08-0.12%	≥99%	Certified
Eyeglorius™	Octyldodecyl Myristate (and) Hippophae Rhamnoides Extract	Preservative free	100%	Certified
Gatuline® Age Defense NP	Water (and) Juglans Regia (Walnut) Seed Extract	Benzoic Acid 0.5% Sorbic Acid 0.1%	≥99%	
Gatuline® Derma-Sensitive	Octyldodecyl Myristate (and) Capparis Spinosa Fruit Extract	Preservative free	100%	Approved**
Gatuline® Expression AF	Propanediol (and) Water (and) Acemella Oleracea Extract	Preservative free	100%	Approved**
Gatuline® In-Tense MB	Caprylic / Capric Triglyceride (and) Acemella Oleracea extract	Preservative free	100%	
Gatuline® Link n Lift	Fructose (and) Glycerin (and) Water (and) Aesculus Hippocastanum (Horse Chestnut) Extract	Potassium Sorbate 0.18-0.22% Citric Acid 0.08-0.12%	≥99%	Certified
Gatuline® Radiance	Propanediol (and) Evodia Rutaecarpa Fruit Extract	Preservative free	100%	
Gatuline® RC Bio	Water (and) Fagus Sylvatica Bud Extract	Benzoic Acid 0.2% Benzyl Alcohol 3%	≥95%	Certified
Gatuline® Renew	Butylene Glycol (and) Water (and) Cryptomeria Japonica Bud Extract	Preservative free	100%	Approved**
Gatuline® Skin-Repair AF	Propanediol (and) Water (and) Onopordum Acanthium Flower/ Leaf/Stem Extract	Preservative free	100%	Certified
Gatuline® Spot-Light	Butylene Glycol (and) Actinidia Chinensis (Kiwi) Fruit Water (and) Alcohol (and) Sophora Flavescens Root Extract	Preservative free	100%	Approved**
Hema'Tite™	Hematite Extract	Phenoxyethanol 0.4% Sorbic Acid 0.1%	≥75%	
Mala'Kite™	Water (and) Malachite Extract	Preservative free	≤50%	
Oli'Vine™ ST	Water (and) Olivine Extract	Preservative free	≥99%	
Phyltherm® Vegetal	Hydrolyzed Soy Protein	Benzoic Acid 0.5% Sorbic Acid 0.1%	≥75%	
Rhodo'Lite™²	Rhodochrosite Extract	Phenoxyethanol 0.4% Sorbic Acid 0.1%	≥75%	
Solastemis® PF	Fructose (and) Glycerin (and) Water (and) Sechium Edule Fruit Extract	Preservative free	≥99%	Approved**
Zin'Cite™	Smithsonite Extract	Preservative free	≥75%	Approved**

* according to the ISO 16128

**non organic ingredients



Substantiation	Use level	Claims	China: NPMA notified	Packaging
<i>In vitro</i> <i>In vivo</i>	3-5%	Targets imperfections Purifies Fights existing blemishes	✓	5 kg
<i>In vivo</i>	5%	Diminishes dark circles Fights under-eye bags Hides symptoms of fatigue	✓	5 kg
<i>In vitro</i> <i>In vivo</i>	1%	Promotes and protects skin elasticity Reduces the impact of gravity Limits skin sagging	✓	5 kg
<i>In vitro</i> <i>In vivo</i>	1-2%	Boosts cellular energy Protects from screen-emitted light and fights digital pollution Improves skin firmness and tonicity	✓	5 kg
<i>In vitro</i> <i>In vivo</i>	2%	Secures microcirculation Regulates hyperpigmentation / dark circles on the under-eye area Reduces eye bags	✓	4 kg
<i>In vitro</i> <i>Ex vivo</i> <i>In vivo</i>	0.5-6%	Provides complete protection from oxidative stress Fights extrinsic and intrinsic aging Protects hair and skin from UV and environmental damage	✓	5 kg 25 kg
<i>In vitro</i> <i>In vivo</i>	2%	Reduces secretion of pro-inflammatory mediators Diminishes clinical signs of inflammation Improves comfort of sensitive and hyper-reactive skin	✓	800 g 4 kg
<i>In vitro</i> <i>In vivo</i>	2-5%	Instant myorelaxant effect Erases expression lines Smooths and redesigns the lip contour	✓	5 kg
<i>In vitro</i> <i>In vivo</i>	1-2%	Reinforces the architecture of the dermis for firmer looking face and body skin Smooths the décolleté area Reduces wrinkled appearance of face and neck	✓	5 kg 25 kg
<i>In vitro</i> <i>In vivo</i>	2%	Significantly reduces eye contour wrinkles: crow's feet, tear trough and under-eye wrinkles Restructures and smooths the skin Fast acting	✓	5 kg
<i>In vitro</i> <i>Ex vivo</i> <i>In vivo</i>	1-3%	Boosts skin microcirculation Enhances skin radiance and luminosity Anti-pollution	✓	1 kg 5 kg
<i>In vitro</i> <i>In vivo</i>	2-5%	Reinforces epidermal architecture Increases skin moisture Reduces wrinkle depth	✓	5 kg
<i>In vitro</i> <i>Ex vivo</i> <i>In vivo</i>	1%	Improves overall skin quality Visibly improves skin texture Leaves skin smoother, softer, suppler, and more comfortable	✓	5 kg
<i>In vitro</i> <i>Ex vivo</i> <i>In vivo</i>	2%	Prevents inflamm'aging Promotes the final resolution of inflammation Stimulates optimal epidermal repair of weakened or damaged skin and restores skin barrier		5 kg
<i>In vitro</i> <i>In vivo</i>	3%	Reduces visibility and number of age spots Diminishes appearance of dark spots Lightens skin tone	✓	5 kg
<i>In vitro</i> <i>Ex vivo</i> <i>In vivo</i>	0.5-2%	Stimulates collagen synthesis Restores mechanical properties of the skin Visible wrinkle reduction	✓	1 kg 5 kg
<i>In vitro</i>	1-5%	Antioxidant Protects skin and hair from environmental stress Natural and stable colorant	✓	1 kg 5 kg
<i>In vitro</i>	0.5-3%	Energizing Combats cutaneous stress Helps fight dull, tired skin	✓	1 kg 5 kg
<i>In vitro</i>	5-10%	Boosts cell metabolism Provides essential nutrients Stimulates skin cell renewal	✓	1 kg 5 kg 25 kg
<i>In vitro</i>	1-5%	Shields fibroblasts from UVA Stimulates natural cell defenses Provides deep skin protection	✓	1 kg 5 kg
<i>In vitro</i> <i>In vivo</i>	2%	Protects the skin from UVA-induced DNA lesions Preserves the epidermal stem cells Corrects symptoms of photo-aging: reduces wrinkles and provides a healthy luminous complexion	✓	5 kg
<i>In vitro</i>	1-5%	Protection from UVB Geno-protection Anti-glycation activity	✓	1 kg 5 kg










Extract ranges

Our natural extracts deliver the perfect activity boost to your formulations.



Original Extracts™

Rethink water



-  **Apple**
Pyrus Malus (Apple) Fruit Water
-  **Cranberry Bio**
Vaccinium Macrocarpon (Cranberry) Fruit Water
-  **Grape Bio**
Vitis Vinifera (Grape) Fruit Water
-  **Grapefruit**
Citrus Grandis (Grapefruit) Fruit Water
-  **Kiwi**
Actinidia Chinensis (Kiwi) Fruit Water
-  **Lemon Bio**
Citrus Lemon (Lemon) Fruit Water
-  **Orange Bio**
Citrus Aurantium Dulcis (Orange) Fruit Water

Living waters truly designed for cosmetic formulations and directly obtained from fruits or plants, they contain a well-balanced content of trace elements, mineral salts and essential oils.



Fresh Cells™

Plant microcapsules

-  **Carrot**
Water (and) Daucus Carota Sativa (Carrot) Root Extract
-  **Kiwi**
Water (and) Actinidia Chinensis (Kiwi) Fruit Extract
-  **Mango**
Water (and) Mangifera Indica (Mango) Fruit Extract
-  **Pumpkin**
Water (and) Cucurbita Maxima Fruit Extract
-  **Strawberry**
Water (and) Fragaria Vesca (Strawberry) Fruit Extract

Cellular suspensions of whole, fresh fruit cells, obtained by a specific enzymatic process that release their precious content when they come in contact with the skin.



GATT' UP & act

Committed to an
elevated level of
responsible science

Gattefossé has always combined science and consciousness to innovate in cosmetic and pharmaceutical ingredients. We take particular care to control our operations to limit any impact on the ecosystems surrounding us and ensure that we respect the living world in all its forms.

Gattefossé is historically committed to **ethics, social, societal and environmental responsibility**. These commitments have been grouped together in our **Gatt'Up&Act** roadmap, a responsible strategy based on 3 pillars:

- Preserving our environment;
- Caring for our people;
- Acting as a world citizen.

Several assessments validate Gattefossé's position as a responsible company, including the ISO 14001:2015 certification for our leading production site in Saint-Priest (France). In January 2024, we were awarded the Ecovadis gold medal.

Find out more about our
CSR roadmap here:





PERSONAL CARE INGREDIENTS-GB-166C19 (2071CG) 2024

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People make our name