

The  
Waterless  
Wave

**HALLSTAR**   

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B E A U T Y

Hallstar Beauty is a leading provider of specialty chemistry solutions for skin care, sun care, color cosmetics, hair care, lip care and toiletries. Our extensive expertise in photostabilization science, oil-extracted, 100% vegetal eco-actives innovation, and functional naturals development sets us apart.

Hallstar's global capabilities in product development, sales and manufacturing boast operations in the United States, Italy, France, China and Brazil, and benefit from the talented teams joining Hallstar from B&T, Oléos and Fortinbrás. Our product lines include the innovative technology from the well-known collections of those acquired brands.

Hallstar Beauty provides technical, regulatory and operational support to customers and, in addition to hundreds of ready-made formulations, our experienced research and development team can work closely with you to develop innovative, custom solutions for your specific need.

Reach out to [workwonders@hallstar.com](mailto:workwonders@hallstar.com) with your questions and requests.



Sun Care Solutions



Specialty Butters and Oils



Functional Naturals



Active Naturals



Performance Ingredients

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# Our impact

The beauty industry does not operate in a bubble. Whether it be the selfie fad influencing make-up trends, the broadening definition of gender identity giving rise to more cosmetic offerings for men, or the increasing role of photoprotection in everyday sun care as a result of increased sun safety awareness, the prominent trends in beauty are directly connected to the social climate all around us.

Consumer preference for 'clean' beauty is an obvious example of this connection. While the precise definition of clean beauty remains elusive, the impulse to live more 'cleanly' – fewer products, less waste, smaller environmental impact – is less of a trend and more of a new normal for a large swathe of today's consumers, especially the young buyers in our markets.

In ways large and small, our customers are making eco-friendly changes to their personal behaviors, decreasing electricity usage at home, for example, or bringing their own reusable shopping bag to the supermarket. And those who are adapting their own behavior to help conserve our planet expect the companies who sell them products to do the same. More and more, beauty consumers are choosing products that are not just effective and appealing but that align with their values.



Base: 2,000 US internet users aged 18+; 2,000 UK internet users aged 16+; 3,000 Chinese internet users aged 20-49; 829 Brazilian internet users aged 16+ from the C12 socioeconomic group; 2,000 UK internet users aged 16+; 2,000 US internet users aged 18+  
 Source: Lightspeed/Mintel From Mintel, "Defining Clean" March 2019 Report

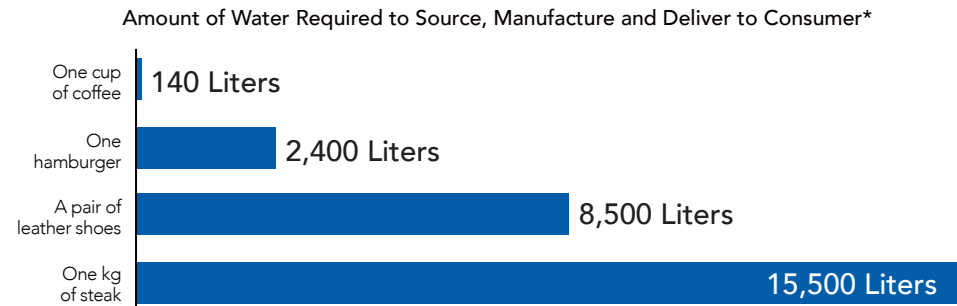
In a world where well-informed customers are expecting product transparency, eco-ethical business practices are becoming increasingly non-negotiable.

# "It takes a lot of blue to stay green."

Water conservation in the manufacturing of consumer products has resolutely entered the clean beauty conversation. With 75% of the planet covered with water, the global water shortage is not as self-evident a crisis as, say, melting glaciers or decimated rain forest – all undeniably perilous to our shared environment. The catch: less than 1% of that water is naturally drinkable. Right now, 748 million people (1 in 9) in the world are deprived of drinking water. At the current consumption rates, the World Wildlife Fund (WWF) estimates that by the year 2025, two-thirds of the world's population may be at risk of water scarcity.

In terms of sustaining life on earth, scientists will quickly point out clean, accessible water is of fundamental importance. We literally cannot live without it.

A significant number of consumers make good-faith efforts to conserve water in their home and offices. Mintel's 2019 survey of soap, bath and shower product users found that 24% of US adults are trying to use less water when bathing, while 22% of adults in the UK have made water-saving changes to their bathroom routines for environmental reasons. Less obvious to consumers – but increasingly likely to affect purchasing behavior in the future – are the significant *hidden* uses of water. The full manufacturing cycle for popular goods can require a surprisingly large amount.



Traditional production in the beauty and personal care industries has similar statistics. Several thousand liters of water are used in the manufacturing of one beauty item. Furthermore, water is typically central to cosmetic formulation. 70-80% of standard skin care and sun care products is water.

\*"The dangerous illusion of water abundance," *Veja*, December 2010.



# The Waterless Wave

Using less water in the production and usage of beauty products will be one of the key trends impacting the industry going forward. In a future where water will need to be a protected resource, rationing its consumption will become second nature to people all over the world. How will the beauty industry respond to this environmental and consumer requirement? How will brands tackle the challenge of producing innovative, effective products that are less dependent on water resources?

The answer, like so many of our efforts to be transparent and environmentally-friendly, will not be all-or-nothing. We cannot always remove water altogether, but brands and their suppliers can take significant steps that are meaningful to consumers. For example, we can help buyers be more water-wise by:

- Offering products that enable shorter showers or require no rinsing
- Using minimal, biodegradable, ecologically-digestible packaging that helps reduce marine pollution
- Minimize the number of steps and products required in beauty routines by using multifunctional ingredients (like Hallstar's!)

**Water-free formulating** can be challenging, but can also present several advantages.

- Waterless or water-saving products may replace water with botanical extracts, oils or minerals, upping the product's potency and diminishing the need for preservatives and other unnecessary fillers which can cause reactions on sensitive skin and/or are negatively perceived by consumers.
- The plant extracts and/or oils that may replace water -- such as the Oléoactif® products used in many of our formulations -- are rich in vitamins and antioxidants that penetrate the skin more easily. Such a formulation is generally richer in active ingredients since water can dilute actives when used as a carrier.
- Water-unstable active ingredients behave much better than in anhydrous formulas (e.g., vitamin retinol).
- Finally, water-free often means more practical, travel-friendly, easy to carry, and economical; for example, cleansing powders have a much longer shelf life than liquid cleansers and you don't need as much product to be effective.

Want to know more about how Hallstar ingredients are the perfect building blocks for water-wise formulations? Take a look at these nine Waterless Wave formulations and reach out to your Hallstar Beauty contact or [workwonders@hallstar.com](mailto:workwonders@hallstar.com) – we can ride the wave together!

**References:** "The Rise of Water-Wise Products in Japan," Mintel Trends Report (September 2019); "Trend: Water-Free Cosmetics," Bonnie Gardner, *Beauty Alley*; "Beauty Forecast: Waterless," Lucy Vincent, *The Glasshouse Journal*.



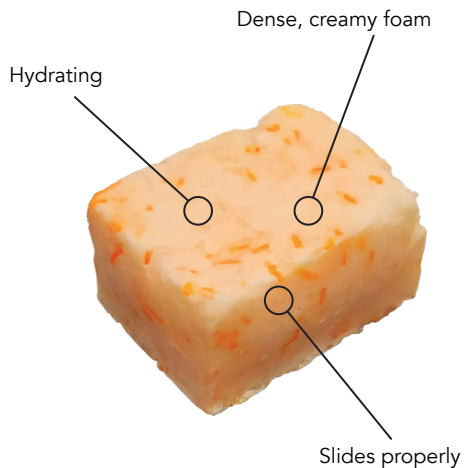
# Ambrosia Shampoo Bar

Formula Number: JH2-170C

Moisturizing Biochemica® Mango Butter along with conditioning Florasolvs® Sunflower-10 prevents hair from drying out and keeps both skin and hair feeling soft. RTD® Coco Sulfate cleans hair with a creamy foaming action while HallStar® Zinc Stearate and Florasolvs® Jojoba-120 prevents the bar from being greasy while maintaining slip and easy rinse-off. It is also enriched with natural antioxidant Vitamin E to help improve overall scalp and hair health.

*How to use: Rub between hands to create lather or apply directly onto wet hair. Massage into the hair and scalp, then rinse clean.*

The astonishingly effective and portable Ambrosia Shampoo Bar can last for up to 80 washes, meaning it outlasts two to three bottles of your other favorite shampoo.



## Biochemica® Mango Butter Ultra

Exhibits excellent moisturizing properties and good lubricity

## HallStar® Coco Sulphate

Acts as the primary foamer, creating dense and creamy foam

## Florasolvs® Jojoba-120

Provides water-soluble jojoba emolliency for cosmetic formulations

## Florasolvs® Sunflower-10

Leaves skin feeling smooth and soft and provides remarkable hydration

## HallStar® Zinc Stearate

Works as a compacting agent and improves texture

Phase	INCI Name [INN/SAN] (Other Information)	Trade Name	% Wt	Function
A	Sodium Coco-Sulfate	RTD® Coco Sulphate	Up to 100	Anionic Surfactant
	Citric Acid		0.50	pH Adjuster
B	Sodium Laureth Sulfate		0.25	Anionic Surfactant
	Water (Aqua) (deionized)		9.40	Volatile Carrier
C	Mangifera Indica (Mango) Seed Butter	Biochemica® Mango Butter Ultra	3.90	Emollient
	Jojoba Wax PEG-120 Esters	Florasolvs® Jojoba-120	7.50	Foam Stabilizer
	PEG-10 Sunflower Glycerides	Florasolvs® Sunflower-10	1.00	Mild Surfactant
	Tocopherol	Biochemica® Vitamin E Natural	0.20	Antioxidant Agent
D	Zinc Stearate	HallStar® Zinc Stearate	7.00	Compacting Agent
E	Sodium Laureth Sulfate		2.25	Anionic Surfactant

## Preparative procedure

1. Prepare phase A in the main vessel and mix it with a proper mixer.
2. In a secondary vessel prepare phase B and mix until the phase is homogeneous.
3. Add phase B to phase A, mixing with a proper mixer.
4. Prepare phase C separately and heat it up to 55-60°C.
5. Add phase C to phase AB, mixing with a proper mixer.
6. Prepare phase D and heat it up to 110-115°C.
7. Very slowly add phase D to phase ABC while stirring until the phase is homogeneous.
8. Add phase E mixing with a proper mixer.
9. Put the product into a proper mold and leave it for 1 hour in the fridge.
10. Pull out the product from the mold.

## Product characteristics (25°C)

- **Appearance:** Ivory solid bar flecked with orange

# Bloomstick

Formula Number: 138-20-04E

A moisturizing and multipurpose colored pencil for lips and cheeks that adds immediate and natural vitality to the face. Oliwax® and Olivem® 900 provide excellent structure to the pencil, releasing creamy color in just one pass. Easy to apply, its comforting texture is due to the presence of multifunctional emollient Sensolene® Light ET. Biochemica® Mango Butter and Biochemica® Lime Butter contribute nourishment and a very pleasant, natural fragrance. Active ingredient PLUMP Oléoactif® powerfully hydrates and imparts lip volume, giving the lip area a naturally firmer and fuller look. Micah® protects the delicate lip skin from aging and damage.



## How to use:

- **Lips:** Use the pencil to outline lips and then fill in with color.
- **Cheeks:** Lightly swipe the color onto the cheeks and blend outwards with the fingers, a make-up sponge or a stippling brush.

## Oliwax® and Olivem® 900

Work as suspending, gelling and wetting agents for pigments and improve texture and consistency

## Sensolene® Light ET

Improves spreadability and adds a light, comfortable feel

## Biochemica® Mango and Lime Butter

Contribute nourishing action and a very pleasant, natural fragrance

## PLUMP Oléoactif®

Restores lips contour and definition and reinforces hydrolipidic film

## Micah®

The antioxidant™ active ingredient stops the photo-aging process before it starts by preventing the formation of UV- and visible light-induced oxidative stress

Phase	INCI Name [INN/SAN] (Other Information)	Trade Name	% Wt	Function
A	Octyldodecanol		Up to 100	Emollient
	Mica, Titanium Dioxide, Red 7 Ca Lake, Tin Oxide		1.50	Pearlescence
	Octyldodecyl oleate, D&C red 27 al. lake		0.75	Pigment
	Titanium Dioxide, Mica, Silica		5.00	Pearlescence
	Al.Ca.Na.Silicate, Titanium Dioxide [CI 77891], Tin Oxide, Carmine [CI 75470], Polybutylene Terephthalate, Acrylates Copolymer, Ethylene/VA Copolymer		0.50	Pearlescence
	Synthetic Fluorophlogopite, Titanium Dioxide, Iron Oxides		5.00	Pearlescence
	Copernicia Cerifera (Carnauba) Wax		2.25	Structuring Agent
	Oryza Sativa (Rice) Bran Wax		9.00	Structuring Agent
	Hydrogenated Olive Oil, Olea Europaea (Olive) Fruit Oil, Olea Europaea (Olive) Oil Unsaponifiables	Oliwax®	9.00	Structuring Agent
	Sorbitan Olivatate	Olivem® 900	2.25	Structuring Agent
B	Ethyl Olivatate, Olea Europaea (Olive) Leaf Extract	Sensolene® Light ET	5.00	Multifunctional Emollient
	Mangifera Indica (Mango) Seed Butter	Biochemica® Mango Butter Ultra	3.00	Emollient
	Prunus Amygdalus Dulcis (Sweet Almond) Oil, Hydrogenated Vegetable Oil, Citrus Aurantifolia (Lime) Peel Oil	Biochemica® Lime Butter	4.00	Emollient/Natural Fragrance
	Bis-Diglyceryl Polyaclyldipate-2		3.00	Film Former/Water Resistance Enhancer
	Tocopherol	Biochemica® Vitamin E Natural	0.20	Antioxidant Agent
	Simmondsia Chinensis (Jojoba) Seed Oil, Punica Granatum Flower Extract, Polyglyceryl-3 Diisostearate	PLUMP Oléoactif®	1.00	Active Ingredient
	Silica		3.50	Texturizing Agent
	Bis(Cyano Butylacetate) Anthracenediylidene	Micah®	0.20	Active Ingredient

## Preparative procedure

1. Prepare phase A and mix it with spatula.
2. Prepare phase B and add into phase A. Heat it up to 75-80°C.
3. Pour the product into proper packaging.

## Product characteristics (25°C)

- **Appearance:** Pink pearly pencil



# Foam Away From Home

Formula Number: 138-20-02A

This powdered soap is both deep-cleansing and gentle on skin, thanks to RTD® Coco-Sulfate and Potassium Stearate OPK-1000. Eurol® BT Powder and Biochemica® BioVera 200X Aloe are natural ingredients with a powerfully soothing, calming and antibacterial action. Florasolvs® Jojoba-120 stabilizes the foam, making it creamy. Foam Away From Home cleanses and rinses easily, leaving your skin feeling naturally clean.

*How to use: Pour a small amount of powdered soap into your hand and add a small amount of water, rubbing hands together to produce a creamy foam.*



## RTD® Coco Sulphate

Acting as the primary foamer, creating a dense, gentle and creamy foam

## Florasolvs® Jojoba-120

Provides water-soluble jojoba emolliency for cosmetic formulations, helps with rinse-off

## Biochemica® Biovera 200x Aloe

Spray-dried crystalline powder produced from 100% pure liquid of organically-cultivated aloe vera plant

## Eurol® BT Powder

A natural blend of polyphenolis compounds, used in this formula for its anti-irritant and antibacterial benefits

## Potassium Stearate OPK™-1000

Works as cleansing agent, helps to create a very creamy and mild foam

Phase	INCI Name [INN/SAN] (Other Information)	Trade Name	% Wt	Function
A	Sodium Coco-Sulfate	RTD® Coco Sulfate	Up to 100	Anionic Surfactant
	Jojoba Wax PEG-120 Esters	Florasolvs® Jojoba-120	20.00	Foam Stabilizer
B	Aloe Barbadensis Leaf Juice	Biochemica® Biovera 200x Aloe	0.50	Active Ingredient
	Olea Europaea (Olive) Leaf Extract	Eurol® BT Powder	0.50	Active Ingredient
	Magnesium Aluminum Silicate		10.00	Foam Stabilizer
	Potassium Stearate	Potassium Stearate OPK-1000	5.00	Cleansing Agent
	Distarch Phosphate		5.00	Absorbent
	Sodium Benzoate		0.50	Preservative
	Potassium Sorbate		0.50	Preservative

## Preparative procedure

1. Mix phase A for 40 seconds.
2. Prepare phase B and add to phase A. Mix until uniformly blended.

## Product characteristics (25°C)

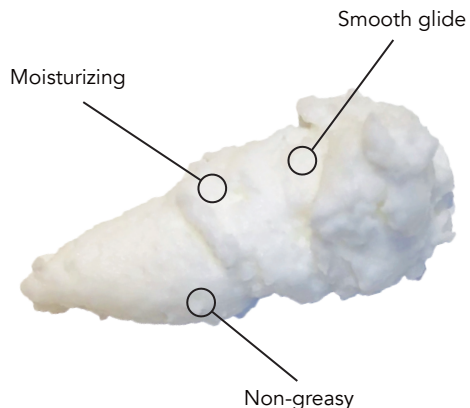
- **Appearance:** Ivory powder

# Keep Calm Shave Balm

Formula Number: JH2-165A

Razor burn causes irritation, inflammation and red rash, and shaving can increase the risk of hyperpigmentation. BRIGHT Oleoactif® aids in skin brightening and reduces hyperpigmentation when necessary. This rich, buttery and soothing formula helps in reducing the inflammatory response while providing maximum glide for shaving thanks to Biochemica® Turmeric Butter.

*How to use: Lather shave butter in your palm and then massage onto the facial hair area. Shave as usual. Make sure to rinse the razor occasionally. After shaving is completed, massage any remaining shave butter into the skin as a lotion or aftershave. No need to rinse with water!*



## Sensolene®

Reduces transepidermal water loss and increases skin hydration

## HallStar® TA-1618 Cetearyl Alcohol

Co-emulsifier that acts as a structuring agent

## HallStar® GMS Pure

Co-emulsifier that acts as a stabilizer

## Biochemica® Turmeric Butter

Proven anti-inflammatory and powerful antioxidant properties due to turmeric's two active molecules, turmerone and curcumin; increases skin barrier function and hydration

## Olivem® 2020

Multifunctional biomimetic ingredient combining excellent emulsification performance and natural dermollience

## BRIGHT Oléoactif®

Helps to brighten and lighten skin hyperpigmentation

Phase	INCI Name [INN/SAN] (Other Information)	Trade Name	% Wt	Function
A	Water (Aqua) (deionized)		Up to 100	Volatile Carrier
	Glycerin		3.00	Humectant
B	Ethylhexyl Olivat	Sensolene®	3.00	Multifunctional Emollient
	Cetearyl Alcohol	HallStar® TA-1618 Cetearyl Alcohol	1.00	Structuring Agent
	Glyceryl Stearate	HallStar® GMS Pure	1.00	Co-emulsifier
	Butyrospermum Parkii (Shea) Butter, Elaeis Guineensis (Palm) Butter, Cocos Nucifera (Coconut) Oil, Simmondsia Chinensis (Jojoba) Seed Oil, Curcuma Longa (Turmeric) Root Extract, Bisabolol	Biochemica® Turmeric Butter	5.00	Emollient
	Ethylhexyl Olivat, Sodium Acrylates Copolymer, Polyglyceryl-4 Olivat	Olivem® 2020	4.00	Multifunctional Cold Process Emulsifier
	Stearic Acid (vegetal, double pressed)		2.50	Structuring Agent
C	Brassica Campestris (Rapeseed) Seed Oil, Glycyrrhiza Glabra (Licorice) Root Extract, Polyglyceryl-3 Diisostearate, Althaea Officinalis Root Extract, Oryza Sativa (Rice) Bran Extract	BRIGHT Oléoactif®	1.00	Active Ingredient
	Triethanolamine		0.80	pH Adjuster
D	Caprylyl Glycol, Phenoxyethanol, Hexylene Glycol		1.00	Preservative

## Preparative procedure

1. Add phase A to the main vessel. Heat to 80°C while mixing.
2. Prepare phase B and heat to 80°C.
3. Add phase B to A while stirring. Continue mixing until uniform.
4. Add phase C slowly in small increments while mixing until pH reaches between 6 and 7.
5. Once the batch is homogeneous, cool it down. When the batch is < 50°C, add phase D while mixing.
6. Replace the water lost and continue mixing until the batch reaches room temperature.

## Product characteristics (25°C)

- **Appearance:** Light golden gel-cream



# Magic Oil 2020

Formula Number: 138-20-06B

This incredible oil-based formula allows you to create a serum, gel cream or full-bodied cream in just a few steps. Cold emulsifier Olivem® 2020 guarantees the formation of an application-ready emulsion simply by adding water and mixing. This formulation is enriched with Biochemica® Biovera Aloe Oil, Biochemica® Hemp Oil Refined and Biochemica® Evening Primrose Oil which nourish and soothe the skin, and Sensolene® Light ET which is an antioxidant active emollient. Finally, BIOME Oléoactif® preserves homeostasis between the skin and its microbiota. You can achieve your preferred texture by customizing your own skin care!

*How to use: After preparation, gently massage into the skin using small, upward, circular motions.*

- Serum: 5ml of H2O + 4 drops of oil
- Gel: serum + 4 drops of oil
- Rich cream: gel + 4 drops of oil



## Biochemica® Olive Oil, Hemp Oil, Biovera Aloe Oil and Evening Primrose Oil

Impart moisturization, soothing and emolliency

## Olivem® 2020

A multifunctional cold-process emulsifier that imparts pleasant hydration and great stability

## BIOME Oléoactif®

Balances the skin microbiota and maintains the integrity of the epidermal barrier

## Sensolene® Light ET

A 100% natural origin, COSMOS-approved, globally-compliant, sustainable alternative to silicones that provides an extremely light touch with good antioxidant benefits.

Phase	INCI Name [INN/SAN] (Other Information)	Trade Name	% Wt	Function
A	Helianthus Annuus (Sunflower) Seed Oil		Up to 100	Emollient
	Caprylic/Capric Triglyceride		20.00	Emollient
	Olea Europaea (Olive) Fruit Oil	Biochemica® Olive Oil-Ultra Refined	10.00	Emollient
	Ethylhexyl Olivatate, Sodium Acrylates Copolymer, Polyglyceryl-4 Olivatate	Olivem® 2020	20.00	Cold Multifunctional Emulsifier
	Simmondsia Chinensis (Jojoba) Seed Oil, Avena Sativa (Oat) Kernel Oil, Bacillus ferment	BIOME Oléoactif®	1.00	Active Ingredient
	Ethyl Olivatate, Olea Europaea (Olive) Leaf Extract	Sensolene® Light ET	10.00	Multifunctional Emollient
	Aloe Barbadensis Leaf Extract, Canola Oil	Biochemica® Biovera Aloe Oil	5.00	Emollient
	Cannabis Sativa Seed Oil	Biochemica® Hemp Oil Refined Organic	5.00	Emollient
Oenothera Biennis (Evening Primrose) Oil	Biochemica® Evening Primrose Oil Organic	5.00	Emollient	

## Preparative procedure

1. Mix the ingredients of phase A until homogenous.

## Product characteristics for all three (25°C)

- Not tacky
- Not oily
- Fast absorption



# Mineral Waterless Sunscreen SPF 50

Formula Number: JZ13-208

This butter-like formulation was designed to provide SPF 50 performance using non-nano UV filters. It is water-resistant and preservative-free. The HallBrite® BHB in HallBrite® EZ-FLO ZDX Plus aids dispersion of Titanium Dioxide and Zinc Oxide and enhances product feel. Biochemica® Turmeric Butter helps to deliver superior performance in moisturization, skin barrier function, and antioxidation. Three person *in vivo* testing yielded static SPF 60 in an EU lab. *In vitro* analysis delivered PFA (PPD) ~18, UVA1/UV = 0.82, critical wavelength 377nm.

*How to use: To ensure full coverage and maximum absorption, start with a small dab of the sunscreen and rub it in completely before applying more. Zinc can be applied more smoothly on a well-hydrated surface, so if your skin tends to be on the drier side, moisturize beforehand.*



## Biochemica® Turmeric Butter

This all-natural butter helps to provide anti-inflammatory and moisturizing benefits

## Biochemica® Sweet Almond Oil

Exhibits excellent nourishing qualities and good spreadability on the skin

## DIAM Oléoactif®

Performs a double anti-inflammatory and anti-free radical efficacy

## Sensolene® Light ET

Provides silicone-like after-feel

## HallBrite® EZ-Flo ZDX Plus

Enables the formulation of broad-spectrum sun protection products while meeting the highest standards for UVA-PF

## Olivem® 900

Imparts structure and contributes to waterproofing

Phase	INCI Name [INN/SAN] (Other Information)	Trade Name	% Wt	Function
A	Butyrospermum Parkii (Shea) Butter, Elaeis Guineensis (Palm) Butter, Cocos Nucifera (Coconut) Oil, Simmondsia Chinensis (Jojoba) Seed Oil, Curcuma Longa (Turmeric) Root Extract, Bisabolol	Biochemica® Turmeric Butter	31.00	Emollient
	Prunus Amygdalus Dulcis (Sweet Almond) Oil	Biochemica® Sweet Almond Oil	Up to 100	Emollient
	Cocos Nucifera (Coconut) Oil, Quercus Suber Bark Extract, Oak Root Extract	DIAM Oléoactif®	1.00	Active Ingredient
	Ethyl Olivatate, Olea Europaea (Olive) Leaf Extract	Sensolene® Light ET	2.00	Multifunctional Emollient
	Polyhydroxystearic Acid		0.30	Dispersing Agent
B	Zinc Oxide [Zinc Oxide] (58%), Butyloctyl Salicylate, Ethylhexyl Methoxycrylene, Triceteareth-4 Phosphate, Triethoxycaprylylsilane	HallBrite® EZ-FLO ZDX Plus	18.50	UV Filter/Sunscreen Agent/ Photostabilizer/ Carrier System
	Titanium Dioxide (And) Jojoba Esters (And) Silica (And) Alumina		13.00	UV Filter/Sunscreen Agent
	Sorbitan Olivatate	Olivem® 900	4.80	Structuring Agent
	Silica		8.00	Deoiling Agent

## Preparative procedure

- To the main vessel add phase A and start mixing, and then heat to 80°C.
- Prepare phase B and add into phase A. Mix until uniform.
- After 5 minutes start cooling batch and when batch is < 70°C, pour into chosen container and cool down.

## Product characteristics (25°C)

- Appearance:** Yellow opaque cream

# Oil Protect You! SPF 25

Formula Number: JZ13-201

This alcohol- and silicone-free sunscreen oil spray, designed for sun protection on skin and hair, makes use of singlet state-quenching SolaStay® S1, triplet state-quenching Polycrylene® and HallBrite® PSF to photostabilize Avobenzone without Octocrylene, Benzophenone-3 or Ethylhexyl methoxycinnamate. Low viscosity sunscreen solvents and emollients like HallBrite® BHB, Sensolene® Light ET, HallStar® IPM-NF, HallStar® Octyl Isononanoate and HallTress® DIBA Special ensure Avobenzone is completely dissolved and help deliver a light emolliency with non-oily after-feel. BLUE Oléoactif® contributes blue light protection. Three person *in vivo* testing yielded static SPF 26 in an US lab. *In vitro* PFA (PPD)~ 13, UVA1/UV = 0.84, Critical wavelength = 376 nm.

*How to use: Spray directly on skin. For hair protection, spray into palm of hand, apply to hair and spread oil with fingers.*



## SolaStay® S1, HallBrite® PSF and Polycrylene®

Photostabilize Avobenzone without Octocrylene, Benzophenone-3 or Ethylhexyl methoxycinnamate

## HallBrite® BHB

Exhibits excellent solubility in sun filters and good spreadability on the skin

## Sensolene® Light ET

Provides silicone-like after-feel

## BLUE Oléoactif®

Effectively protects cells from urban pollution and blue light

## HallStar® Octyl Isononanoate, HallStar® IPM-NF and Halltress® DIBA Special

Ensure that Avobenzone completely dissolves and help provide a light emolliency

Phase	INCI Name [INN/SAN] (Other Information)	Trade Name	% Wt	Function
A	Homosalate [Homosalate]		10.00	UV Filter/Sunscreen Agent
	Ethylhexyl Salicylate [Octisalate]		5.00	UV Filter/Sunscreen Agent
	Butyloctyl Salicylate	HallBrite® BHB	5.00	Sunscreen Solvent/Emollient
	Diethylhexyl 2,6-Naphthalate		10.00	Emollient
	Ethylhexyl Methoxycrylene	SolaStay® S1	3.00	Photostabilizer
	Undecylcrylene Dimethicone	HallBrite® PSF	5.00	Photostabilizer
	Polyester-8	Polycrylene®	3.00	Photostabilizer
	Ethyl Olivat, Olea Europaea (Olive) Leaf Extract	Sensolene® Light ET	5.00	Multifunctional Emollient
	VP/Hexadecene Copolymer		4.00	Film Former
	Glycine Soja (Soybean) Oil, Polyglyceryl-3 Diisostearate, Oryza Sativa (Rice) Extract, Oryza Sativa (Rice) Germ Extract	BLUE Oléoactif®	1.00	Active Ingredient
	Ethylhexyl Isononanoate	HallStar® Octyl Isononanoate	Up to 100	Emollient
	Isopropyl Myristate	HallStar® IPM-NF	23.00	Emollient
Diisobutyl Adipate	Halltress® DIBA Special	5.00	Emollient	
B	Butyl Methoxydibenzoylmethane [Avobenzone]		3.00	UV Filter/Sunscreen Agent

## Preparative procedure

1. Add phase A to a secondary vessel, start center-stir (prop) mixing and heat to 50°C.
2. Add phase B to phase A and mix; when homogeneous and clear, start cooling.

## Product characteristics (25°C)

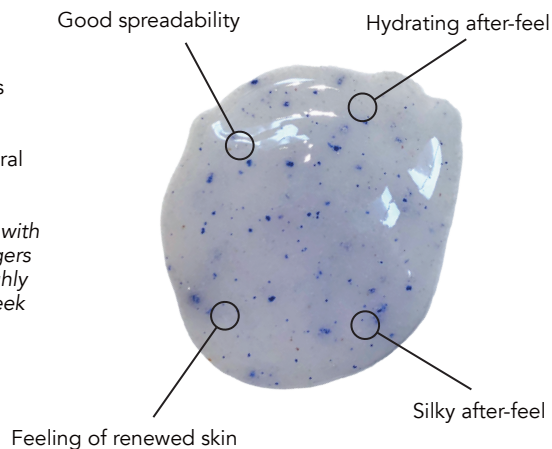
- **Appearance:** Yellow liquid

# Scrub-berry Smoothie

Formula Number: 138-20-03C

This natural-origin scrub effectively and gently exfoliates, smoothing the skin and eliminating dead cells. Olivem® 1000 guarantees a creamy and fresh texture, making it easily-spreadable. Biochemica® Cranberry Butter gives skin nourishment and softness, thanks to its natural scrubbing micro-granules.

*How to use: Apply a small amount of face scrub with dry fingers onto clean skin. Then use wetted fingers to gently massage over your face. Rinse thoroughly with lukewarm water and pat dry. Use twice a week as part of your skin care routine.*



## Olivem® 1000

Provides a deep moisturizing effect with excellent spreadability

## Biochemica® Cranberry Butter Organic

Contains lyophilized cranberries that are micronized into a fine particle dispersion, working as a natural and mild scrub

Phase	INCI Name [INN/SAN] (Other Information)	Trade Name	% Wt	Function
A	Glycerin		Up to 100	Humectant
	Propanediol		40.00	Humectant
	Xanthan Gum		0.20	Thickener (Aqueous)
	Water (Aqua) (deionized)		12.00	Volatile Carrier
B	Cetearyl Oliviate, Sorbitan Oliviate	Olivem® 1000	4.50	Self-Emulsifier/ Liquid Crystal Maker
C	Butyrospermum Parkii (Shea) Butter, Elaeis Guineensis (Palm) Butter, Simmondsia Chinensis (Jojoba) Seed Oil, Vaccinium Macrocarpon (Cranberry) Fruit	Biochemica® Cranberry Butter Organic	2.00	Emollient
D	Benzyl Alcohol, Benzoic Acid, Dehydroacetic Acid, Tocopherol		0.50	Preservative
	Polylactic Acid, Ultramarines		0.10	Exfoliant
	Perlite		0.50	Exfoliant

## Preparative procedure

1. Prepare phase A and heat it up to 80-85°C.
2. Add the Olivem® 1000 flakes (phase B) directly into phase A, under magnetic stirring.
3. Stir for 3 minutes and then homogenize for 1 minute, using a suitable dispersion unit (Silverson, Ultra Turrax).
4. In a secondary vessel prepare phase C and heat it up to 75°C.
5. Add phase C to phase AB and homogenize using a suitable dispersion unit (Silverson, Ultra Turrax).
6. Cool down under gentle stirring.
7. Add the ingredients of phase D under stirring (250rpm).

## Product characteristics (25°C)

- **Appearance:** Translucent gel with blue particles



# Starry Night Dual Eyeshadow

Formula Number: 138-20-01P

This pearly eyeshadow has an immediate, intense and adjustable color release for dry and wet use. Its silky and blendable texture guarantees maximum adhesion and color homogeneity, thanks to Hallbrite® BHB. Sensolene® makes the application easy and smooth with a pleasant feel. The formulation is enriched with LIFT Oléoactif® which has an immediate, fast-lifting effect, acting on the visible signs of skin-aging by smoothing and tightening the cutaneous layer, reducing deep wrinkles and correcting fine lines. HallStar® Zinc Stearate helps to compact the product.



## How to use:

- *Dry:* to enhance the eyelids with a bright color, apply the product with the sponge applicator and blend with an eye brush, if desired.
- *Wet:* for more intense color, use a wet sponge applicator to apply eyeshadow.

## Sensolene®

Makes application easier and gentler on eyelids

## Hallbrite® BHB

Improves the formula adhesion and color homogeneity

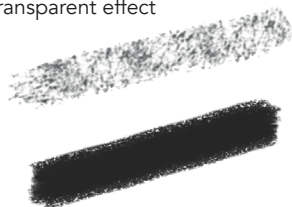
## LIFT Oléoactif®

Reduces deep wrinkles and corrects fine lines

## HallStar® Zinc Stearate

Works as a binder and lubricant

Apply with a dry sponge for a luminous and transparent effect



Or with a wet sponge for greater coverage and long-lasting wear

Phase	INCI Name [INN/SAN] (Other Information)	Trade Name	% Wt	Function
A	Silica		6.00	Absorbent
	Mica		12.00	Texturizing Agent
	Ethylhexyl Olivat	Sensolene®	2.00	Multifunctional Emollient
	Butyloctyl Salicylate	Hallbrite® BHB	2.00	Wet Binder/Wetter
	Carthamus Tinctorius (Safflower) Seed Oil, Astragalus Membranaceus Root Extract, Ubiquinone, Tocopherol, Spilanthes Acmella Flower/ Leaf/Stem Extract	LIFT Oléoactif®	1.00	Active Ingredient
	Triisostearoyl Polyglyceryl-3 Dimer Dilinoleate		1.00	Wet Binder/Wetter
B	Talc		Up to 100	Absorbent
	Zinc Stearate	HallsStar® Zinc Stearate	11.00	Compacting Agent
	Iron Oxides (Black) (CI 77499)		6.00	Pigment
	Calcium Aluminum Borosilicate (and) Titanium Dioxide (and) Silica (and) Tin Oxide		1.00	Pearlescence
	Sodium Benzoate		0.50	Preservative
	Potassium Sorbate		0.50	Preservative
	Aluminum Calcium Sodium Silicate, Titanium Dioxide, Tin Oxide, Titanium Dioxide Black		10.00	Preservative
	Dimethicone/Vinyl Dimethicone Crosspolymer, Silica		4.00	Texturizing Agent

## Preparative procedure

1. Prepare the emollients of phase A and slowly add the powders, mixing with the spatula.
2. Mix the phase A under stirring (whip) for 5 minutes at 250 rpm.
3. Prepare phase B and mix using the blender for 15 seconds.
4. Add phase A to phase B.
5. Mix phase AB for 15 seconds.
6. Pick up the powder left on the blender sides.
7. Repeat points 5. and 6. twice.
8. Sift and collect the resulting powder.

## Product characteristics (25°C)

- **Appearance:** Gray pearly compact powder

**Formulations**

	BIOME OIéoaactif®	BLUE OIéoaactif®	BRIGtHT OIéoaactif®	DIAM OIéoaactif®	LIFT OIéoaactif®	PLUMP OIéoaactif®	Biochemica® Biovera 200x Aloe	Biochemica® Mango Butter Ultra	Biochemica® Exotic Natural Oils	Biochemica® Turmeric Butter	Biochemica® Vitamin E Natural	Other Biochemica® Natural Butters	Euro® BT Powder	Florasols® Jojoba-120	Florasols® Sunflower-10	Olivem® 1000	Olivem® 2020	Olivem® 900	Oliwax®	Sensolene®	Sensolene® Light ET	HallBrite® BHB	HallBrite® EZ-FLO ZDX Plus	HallBrite® PSF	Micah®	Polycrylene®	SolaStay® S1	PAGE
Ambrosia Shampoo Bar (JH2-170C)							●			●			●	●														8
Bloomstick (138-20-04E)						●	●				●						●	●		●				●				10
Foam Away from Home (138-20-02A)							●				●	●	●															12
Keep Calm Shave Balm (JH2-165A)			●						●								●			●								14
Magic Oil 2020 (138-20-06B)	●						●	●									●				●							16
Mineral Waterless Sunscreen Cream SPF 50 (JZ13-208)				●				●	●								●				●		●					18
Oil Protect You! SPF 25 (JZ13-201)		●																			●	●		●	●	●	●	20
Scrub-berry Smoothie (138-20-03C)											●				●													22
Starry Night Dual Eyeshadow (138-20-01P)					●															●		●						24



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