

MONTANOV™ range Eco-friendly O/W emulsifiers

Formulas Booklet

SEPPIC

Ingredients that inspire

Identity Card

MONTANOV™ range

A range of eco-friendly O/W emulsifiers with added benefits!

MONTANOV™ 14

Myristyl Alcohol & Myristyl Glucoside

MONTANOV™ 202

Arachidyl Alcohol & Behenyl Alcohol & Arachidyl Glucoside

MONTANOV™ 68 MB

Cetearyl Alcohol & Cetearyl Glucoside

MONTANOV™ 82

Cetearyl Alcohol & Coco-Glucoside

MONTANOV™ L

C14-22 Alcohols & C12-20 Alkyl Glucoside

MONTANOV™ S

Coco-Glucoside & Coconut Alcohol

made in France 

regulatory status: Worldwide compliant*

versatile applications

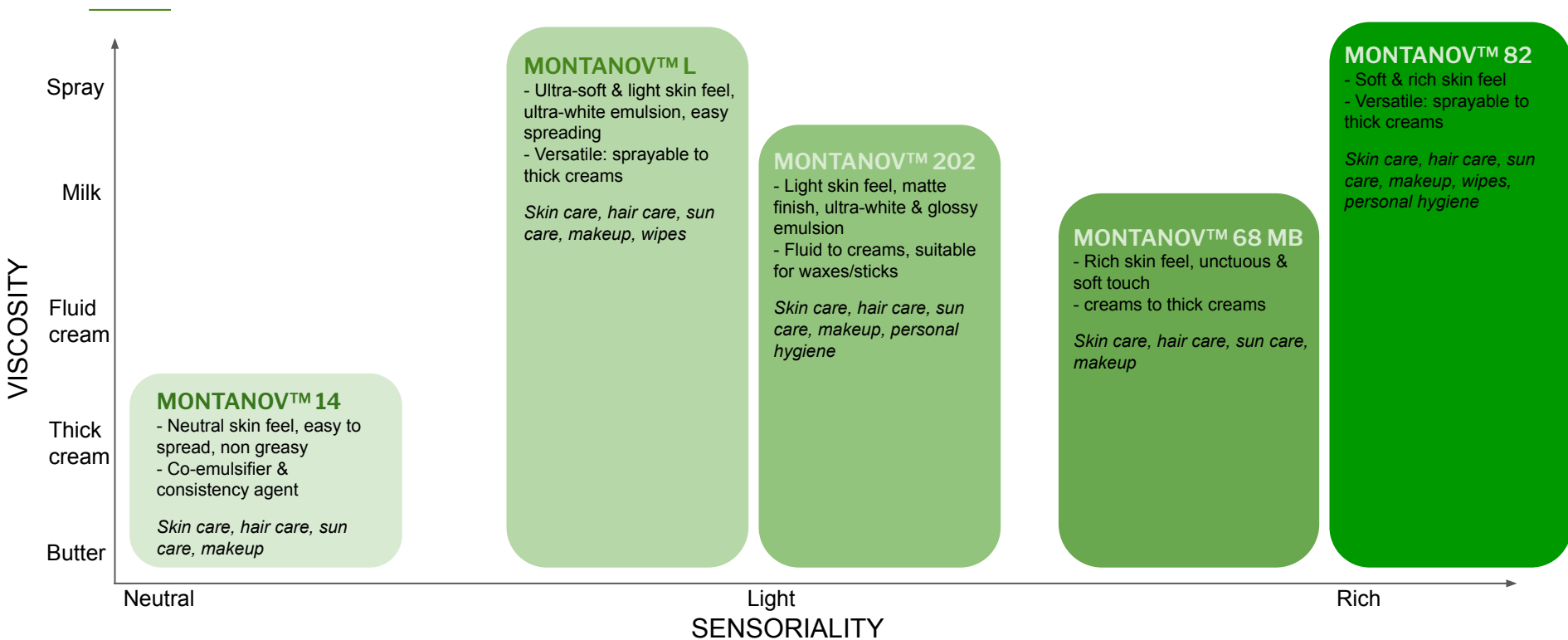
- skin care, make-up, sun care, hair care, personal hygiene
- easy formulation and stabilization in very extreme condition (pH, oxidizing/reducing media, ...)

*For classical cosmetics & considering that the product is listed on the published IECIC for China.

- **Glucolipid O/W emulsifiers** in harmony with nature
- **Liquid crystal promoters** for very stable biomimetic textures
- A whole range for **multiple sensoriality & applications**
- **Readily Biodegradable (OECD 301B or F)**
- **Vegetable Origin, Non GMO**
- **100% renewable origin carbon**, Carbon conscious ingredients
- **100% natural origin content** (according to ISO 16128)
- **COSMOS and NATRUE certified**
- **VEGAN suitable**
- **HALAL Certified**



A whole range for multiple sensoriality





SKIN CARE

EU07749A | FACE COMFORT CREAM

Rich & soft face cream

O/W
Emulsion

Rich & non greasy texture

Soft afterfeel

Protective film

A	SENSANOV™ WR	1.00%
	MONTANOV™ 14	4.00%
	EMOGREEN™ HP 40	10.00%
	EMOGREEN™ L19	10.00%
	LANOL™ P ECAILLES	4.00%

B	SEPIFINE™ BB	1.00%
	Sodium Hydroxide	0.15%
	Aqua/Water	Up to 100%

C	SEPIPLUS™ K	1.00%
----------	--------------------	--------------

D	AQUAXYL™	3.00%
	Preservatives	0.20%
	Fragrance	0.20%

Ivory Compact Emulsion / Packaging: Jar

FORMULATION ADVICES: Pilot scale - 5 Kg - Trimix rotor stator

Heat separately phase A and B at 85°C. Add phase A into phase B then start homogenization for 8 minutes. Make it cool under moderate stirring. At 40°C, add ingredients to phase D and restart homogenization for 10 minutes at 3000 rpm. Stop mixing and fill the jars.

A comfortable & protective cream to start the day on the right foot!

No compromise on the sensoriality.

EMOGREEN™ HP 40 delivers comfortable enveloping protecting film with no greasy effect while contributing to the richness texture of the formula. (C15-19 Alkane and Hydrogenated Polyfarnesene (Plant-based & Renewable))

EMOGREEN™ HP 40 is a non polar and inherently biodegradable, bio-sourced texturizing emollient. It's a sustainable alternative to heavy silicones in formulation that brings **comfort** to the skin. Multifaceted ingredient, it provides **film forming properties** with a silky protective effect and a **soft and supple afterfeel**.

Beyond the lightweight and non-greasy skin feel, **EMOGREEN™ L19** gives a **powdery finish**. (C15-19 Alkane (Plant-based & Renewable))

EMOGREEN™ L19 is a non polar and biodegradable, plant-based emollient. It's THE alternative to volatile silicone oils. Cosmos and Natrue approved.

SENSANOV™ WR provides a feeling of lightness followed by the sensation of matt velvety veil which slowly envelops the skin. (C20-22 Alkyl Phosphate and C20-22 Alcohols)

SENSANOV™ WR emulsions leaves the skin supple with a **long lasting sensation of comfort**. **SENSANOV™ WR** reduces oiliness of extra rich emulsion.

Compatible with Ethylene Oxide free formulas, **SEPIPLUS™ K** imparts a **slippery silicone-like feel**. (Polyacrylate-13 and Hydrogenated Polyisobutene and Polyglyceryl-10 Laurate)

SEPIFINE™ BB provides a soft and velvety skin finish while creating pleasant playtime and matt effect. (Amylopectin)

Combining consistency and light texture, **MONTANOV™ 14** is ideal for a face care application. (Myristyl Alcohol and Myristyl Glucoside)

LANOL™ P ECAILLES brings soft skin feel, without any soaping effect. (Glycol Palmitate)

Thanks to **AQUAXYL™**, the skin is moisturized and restructured. (Xylitylglycoside and Anhydroxylitol and Xylitol)

ADDITIONAL INGREDIENTS: Sodium Hydroxide / Fragrance: Lait Ref SAV/00700 (MLW) / Phenoxyethanol & Ethylhexylglycerin: EUXYL™ PE9010 (SCHULKE & MAYR).

SEPPIC

All information contained herein is intended merely to demonstrate the utility of Seppic products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application or efficacy or tolerance. All information contained in this specific technical documentation is believed to be accurate and has been set up by Seppic according to its own described methods and processes. Seppic however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. Seppic customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status. Formula only for demonstration purposes.

A company
Air Liquide
HEALTH CARE



SKIN CARE

EU07541 | MINIMALIST COMFORT CARE

Sensorial Emulsion

NATURALITY
PROFILE
according to
ISO 16128 norm

Comfort Skin Care

Powdery afterfeel

Less is more!

*Data provide from OECD tests, QSAR calculations, products SDS & literature

A	Aqua/Water	Up to 100%
B	MONTANOV™ 202	3.00%
	EMOGREEN™ C69	10.00%
C	SEIPLUS™ 400	0.50%
D	Phenoxyethanol - Ethylhexylglycerin	1.00%
	Phenylpropanol - Propanediol - Caprylyl Glycol - Tocopherol	0.50%

White Fluid Emulsion / Packaging: Tube

pH: 6.2

VISCOSITIES: **1M at RT:** 24,000 mPa.s Brookfield LV4-6.Recovery at RT (after **1M at 45°C**): 34,000 mPa.s Brookfield LV4-6.

STABILITY: 1M stable at RT/45°C and after freeze-thaw cycle.

FORMULATION ADVICES / Pilot - 6 kg - Becomix - Rotor stator

Heat up the phases A and B separately at 85°C. Add SEIPLUS™ 400 into the phase A under stirring. Blend until obtaining an homogeneous gel. Add slowly the phase B into the mix (A+C) under stirring and vacuum at 85°C. Remove vacuum and keep stirring until a smooth emulsion obtention (4min). Cool down to 30°C, then add the phase D. At room temperature, adjust the pH.

This minimalist care provides a pleasant sensation of comfort during application & leaves a delicate powdery afterfeel.

*A real sensation of well-being with only few ingredients:
“Less is more!”*

EMOGREEN™ C69 brings a soft & comfortable skin feel, with a powdery and non-sticky finish.

C15-19 Alkane* - Coco-Caprylate/Caprates) (*Plant-based & Renewable)

EMOGREEN™ C69 is a **bio-based, crystal clear, extra-fluid & readily biodegradable emollient**. Imagine a **light & soft touch emulsion**: after a medium playtime, it wraps your skin in a **soft, comfortable & powdery veil**.

MONTANOV™ 202 creates a rich & white emulsion, and maintains the skin hydration thanks to liquid crystals promotion;

(Arachidyl Alcohol - Behenyl Alcohol - Arachidyl Glucoside)

Glucolipid emulsifier derived from vegetable origin.

SEIPLUS™ 400 thickens the formula & stabilizes oily phase. It also provides a **silicone-like gliding effect** during application.

(Polyacrylate-13 - Polyisobutene - Polysorbate 20)

Thickening agent in liquid form, it is ready to use (no pre dispersion or neutralization). SEIPLUS™ 400 gives an **improved electrolyte resistance**. It also allows a **good pick-up** and guarantees a good spreadability. It is compatible with a wide range of actives over a wide pH range (3 to 12).

ADDITIONAL INGREDIENTS: Phenoxyethanol - Ethylhexylglycerin: EUXYL PE9010 (SCHÜLKE & MAYR) / Phenylpropanol - Propanediol - Caprylyl glycol - Tocopherol: SENSIVA PA40 (SCHÜLKE & MAYR).

A formula related to **Minimalist concept**

More informations available on seppic.com

SEPPIC

All information contained herein is intended merely to demonstrate the utility of Seppic products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application or efficacy or tolerance. All information contained in this specific technical documentation is believed to be accurate and has been set up by Seppic according to its own described methods and processes. Seppic however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. Seppic customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status. Formula only for demonstration purposes.

A company
Air Liquide
HEALTH CARE



SKIN CARE

EU07770 | PRO-AGE BIOTECH CELLULAR CARE

A rich and comfortable cream to care for mature skin.



Rich & shiny emulsion

Cellular biotechnologies

Pro-âge skincare

NOC= 96.6%

NATURALITY PROFILE
according to ISO 16128 norm



A Water Up to 100%
Glycerin 3.00%



B **MONTANOV™ 202** 3.00%
MONTANOV™ 68 MB 2.00%
Hydrogenated Olive Oil Cetyl Esters 2.00%
EMOGREEN™ L19 5.00%
EMOGREEN™ HP40 2.50%
Prunus amygdalus dulcis (sweet almond) oil 2.50%
Butyrospermum parkii butter 1.00%



B' **SEPI NOV™ WEO** 2.50%
Tocopherol 0.05%



C **EPHEMER™** 1.00%
CELTOSOME™ ERYNGIUM MARITIMUM 0.05%
CELTOSOME™ CRITHMUM MARITIMUM 0.10%
Preservatives 1.00%
Perfume 0.20%

Compact ivory cream / Packaging: Airless pump or jar

pH: 5.6 / VISCOSITIES: 1M at RT: 165000cps Brookfield RV M7 V5

Recovery at RT (after 1M at 45°C): 205000 cps Brookfield RV M7 V5.

STABILITY: 1M at RT, 45°C, 3 F/T cycles -5°C/+40°C.

FORMULATION ADVICES: Laboratory scale - 200 g

Weigh phase B in a beaker, heat to 85°C in a water bath. Heat the water in the kettle and weigh it into another beaker. Add the glycerine and mix with a spatula. Add phase B' to phase B just before emulsification, mix with a spatula. Pour phase A in one go into phase B, emulsify 8 min at 4000 rpm under Silverson. Cool twice for 10 min (without and with a cold water bath) at 100 rpm with a Heidolph equipped with a pale anchor. After 2 minutes under the cold water bath, add the ingredients of phase C one by one and homogenise.

To be applied every day as a pro-ageing treatment.

A concentrate of technology for your skin.

MONTANOV™ 202 (Arachidyl Alcohol and Behenyl Alcohol and Arachidyl Glucoside) & **MONTANOV™ 68 MB** (Cetearyl Alcohol and Cetearyl Glucoside) Glucolipid emulsifiers of plant origin made in France. Liquid crystal promoters, they allow the creation of very stable textures, providing long-lasting hydration and an immediate restructuring effect for a smoother skin texture. COSMOS and NATRUE approved.

EMOGREEN™ L19 (C15-19 Alkane (Plant-based & Renewable)) EMOGREEN™ L19 is a non polar and biodegradable, bio-sourced emollient. It's THE alternative to silicone oils. This high purity vegetable alkane is conformed to Cosmos and Natrue. It gives a fresh and gliding touch, with a soft afterfeel. Inert and stable.

EMOGREEN™ HP 40 (C15-19 Alkane and Hydrogenated Polyfarnesene (Plant-based & Renewable)) EMOGREEN™ HP 40 is a non polar and inherently biodegradable, bio-sourced emollient. It's a sustainable alternative to heavy silicones in formulation. This high purity versatile texturing ingredient brings comfort to the hair and the skin. Multifaceted ingredient, it provides film forming properties with a soft and supple afterfeel. Its silky protective effect is highly recommended in hair care applications, but its versatility will be appreciated in all types of applications.

SEPI NOV™ WEO (Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer) Pre-neutralized powder polymeric thickener on a wide pH range (3-12) and compatible with Ethylene Oxide free formulas. It has good resistance to electrolytes and imparts a light, satini-like skin feel.

This pro-ageing treatment is composed of a complex of three active ingredients obtained through cellular biotechnology:

EPHEMER™ (Caprylic/Capric Triglyceride and Undaria Pinnatifida Extract) Extract of gametophytes, macroalgae cells of Undaria Pinnatifida, from CELEBRITY™ technology. Unique sourcing of these ephemeral cells for an immediate and long lasting antioxidant effect. Specific efficacy on mitochondrial-free-radical reduction (in vitro study). In vivo, after 28 days, the skin strengthens its antioxidant capacity, versus placebo.

CELTOSOME™ Eryngium maritimum (Eryngium Maritimum Callus Culture Filtrate) & **CELTOSOME™ Crithmum maritimum** (Crithmum Maritimum Callus Culture Filtrate) are pure plant cells, in powder form and obtained by CELTOSOME™ technology, acting on multiple factors of skin aging. Sea Fennel (Crithmum maritimum) cells act on the prevention of ageing and skin pigmentation while Sea Buckthorn (Eryngium maritimum) cells strengthen the dermal-epidermal junction.

ADDITIONAL INGREDIENTS: Glycerin (CODEX) / Hydrogenated Olive Oil Cetyl Esters: Phytowax® Olive 16L55 (SOPHIM) / Prunus amygdalus dulcis (sweet almond) oil (BERTIN) / Butyrospermum parkii butter: KARITÉ OR (SOPHIM) / Tocopherol: DL-alpha Tocopherol (BASF) / Preservatives: Benzyl Alcohol (and) Ethylhexylglycerin (and) Tocopherol: Euxy® K 900 (ASHLAND) / Perfume: Sable Doré (EXPRESSIONS PARFUMÉES)

More informations available on seppic.com

SEPPIC

All information contained herein is intended merely to demonstrate the utility of Seppic products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application. All information contained in this specific technical documentation is believed to be accurate and has been set up by Seppic according to its own described methods and processes. Seppic however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. Seppic customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status.

Air Liquide
HEALTH CARE

A company



SKIN CARE

EU07503A | YOUTH ELIXIR

Fluid, light & soft emulsion



© ADOLPHE STOCK



Well aging
—
Fluid texture
—
Soft & mat finish

A	Aqua/Water	Up to 100 %
B	SEPI NOV™ EMT 10	1.00 %
C	MONTANOV™ 82 EMOSMART™ V21 LANOL 2681	3.00 % 10.00 % 5.00 %
D	ASPAR'AGE™ Phenoxyethanol - Ethylhexylglycerin Phenylpropanol - Propanediol - Caprylyl Glycol - Tocopherol Fragrance	2.00 % 1.00 % 0.50 % 0.20 %
E	Citric Acid	Up to pH

Fluid White Emulsion / Packaging: Dropper

pH: 5.8

VISCOSITIES: 1M at RT: 5,860 mPa.s Brookfield LV3-6

STABILITY: 1M at RT & 45°C

FORMULATION ADVICES: Laboratory scale - 6 kg - Becomix

Melt phase C at 80°C. Once temperature is reached, add SEPI NOV™ EMT 10 into phase C. Heat phase A at 80°C. Add phase A to the mix (B+C) and emulsify. Cool down until room temperature, then, add phase D. Adjust pH at 5.5 with citric acid.

Maintain your skin youth!

This fluid & light elixir leaves a soft & mat finish on the skin.

ASPAR'AGE™, red seaweed marine active ingredient from *Asparagosis armata*, regulates the senescent phenomenon in order to preserve the youth skin cells against the contagious skin aging.

(Aqua/Water - Propanediol - Asparagosis Armata Extract)

Regulates the effect of "Senescent Messaging Secretome" in order to **reduce the contagious aging on young cells**. Thanks to this marine active, the **skin looks younger!**

MONTANOV™ 82 allows a fluid emulsion obtention, adapted to a dropper packaging. (Cetearyl Alcohol - Coco-Glucoside)

Glucolipid emulsifier derived from vegetable origin. Especially well-suited for formulations with a high concentration of active ingredients.

1% of SEPI NOV™ EMT 10 is enough to stabilize this fluid emulsion.

(Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer)

Powder polymer "2-in-1", thickening in a wide pH range (3-12), ready to use, with excellent **stabilizing properties** at low level & in presence of a high percentage of oily phase. **Sensory profile: "satin" touch, fresh, glide-on.**

EMOSMART™ V21 brings a soft & mate finish. (C18-21 Alkane)

High-purity, non polar & biodegradable emollient. It shows an excellent compatibility with all types of oils. It allows to obtain **fresh textures with a soft finish & matt veil**. Inert & stable, it can be used in all types of applications, even in extreme conditions (pH, oxidizing/reducing media...).

LANOL 2681 reinforces the formula softness & lightness feel.

(Coco-Caprylate/Caprato)

Emollient agent from vegetable origin. Polar ester with **soft & light touch**, non greasy finish, medium playtime.

ADDITIONAL INGREDIENTS: Phenoxyethanol - EthylhexylGlycerin: EUXYL PE9010 (SCHÜLKE & MAYR) / Phenylpropanol - Propanediol - Caprylyl Glycol - Tocopherol: SENSIVA PA40 (SCHÜLKE & MAYR) / Fragrance: PARFUM NEUTROPHILE (EXPRESSIONS PARFUMÉES).

More informations available on seppic.com

SEPPIC

All information contained herein is intended merely to demonstrate the utility of Seppic products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application or efficacy or tolerance. All information contained in this specific technical documentation is believed to be accurate and has been set up by Seppic according to its own described methods and processes. Seppic however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. Seppic customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status. Formula only for demonstration purposes.

A company
Air Liquide
HEALTH CARE



SKIN CARE

US20186A | WINTER WONDERLAND CREAM

A rich, viscous cream that leaves a nice satin, powdery finish!



NATURALITY PROFILE according to ISO 16128 norm



Hydrating
—
Soothing
—
Moisturizing

A	Water	54.80%
	Glycerin	3.00%
	AQUAXYL™	1.50%
	Preservatives	1.00%
B	MONTANOV™ 202	2.50%
	MONTANOV™ 68 MB	2.50%
	C10-18 Triglycerides	12.00%
	EMOGREEN™ L19	7.00%
	Hexyl laurate	7.00%
	SEPCALM™ VG WP	3.00%
C	SEPINOV™ EMT 10	1.50%
D	SEPIFINE™ BB	3.00%
E	HYDRACHRYSUM™	1.00%
F	Fragrance "Ylang Sol"	0.20%

White Viscous Cream/ Packaging: Jar

pH: 6.35 / **VISCOSITIES:** 1M at RT: 790,000 cps Brookfield LV96V0.5

Recovery at RT (after 1M at 45°C): 760,000 cps Brookfield LV96V0.5

STABILITY: Passed 3 month at RT, 1M at 45°C, 3 F/T cycles -5°C/+40°C, & 3 F/T cycles -18°C/RT

FORMULATION ADVICES: Laboratory scale - 300g - Defloculator

Combine phase A and heat to 85C. Combine phase B and heat to 85C. Disperse phase C into phase B and mix well. Combine phase A and BC together and homogenize for 4 minutes @ 4,000 rpm. Cool down batch to 55-58C and add phase D. At 40C, add phase E and F separately. Mix well and stop mixing at 35C. Check pH at ambient temperature. PH should be 5 - 6.5.

Envelope your skin with this **hydrating and soothing** cream for **Immediate and Long Lasting Moisture**.

The perfect ally for your skin during winter!

SEPINOV™ EMT 10 (Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer) excellent **emulsifying-stabilizing polymer** performs exceptional in the presence of high oil formulations, **gliding on the skin and leaving a cocooning and satin skin feel**.

A versatile pre-neutralized powder polymeric thickener providing excellent **oil stabilizing properties**. It imparts **nice glide with a satin finish**.

MONTANOV™ 68 MB and **MONTANOV™ 202**: the essential 1:1 ratio combination of the two **natural O/W emulsifiers** provides **moisturizing benefits** by strengthening the **skin barrier function**.

MONTANOV™ 68 MB (Ceteary Alcohol and Cetearyl Glucoside)

Natural O/W emulsifier derived from **vegetable origin** made in France. Used to formulate **rich, smooth textures** with high oil phase. Promoter of **liquid crystals**, it creates active biomimetic textures playing a role in maintaining skin moisturization over time. Ecocert, Cosmos and Natrue approved.

MONTANOV™ 202 (Arachidyl Alcohol and Behenyl Alcohol and Arachidyl Glucoside)

Natural O/W Emulsifier of plant origin made in France. **Liquid crystal promoter**, it allows to create very stable biomimetic textures, long-lasting **hydration** and an immediate restructuring effect for a smoother skin texture. COSMOS and NATRUE approved.

EMOGREEN™ L19 (C15-19 Alkane (Plant-based & Renewable)) offers a **non greasy, powdery skin feel** following application. **Ideal for Dry Skin!**

A non polar alkane, **biodegradable** and bio-sourced emollient. A 100% **natural alternative to volatile silicone oils**.

AQUAXYL™ (Xylitylglycoside & Anhydroxyitol & Xylitol) the **essential moisturization active** and when combined with Glycerin showing increased **Immediate and long term moisturization results!** **Moisturizes** and **restructures** the skin by harmonizing the hydric flow of the skin.

SEPCALM™ VG WP (Sodium Palmitoylproline and Nymphaea Alba Flower Extract) **calms and soothes the skin in the harsh conditions**.

A successful **combination** between palmitoylproline and water lily flower extract reaching a unique **calming and soothing** effect.

HYDRACHRYSUM™ (Aqua/Water - Glycerin - Helichrysum Stoechas Callus Culture Lysate) offers deep **moisturization, reduces inflammation** and improves barrier function of the skin.

SEPIFINE™ BB (Amylopectin) provides a **soft and velvety skin finish while creating a pleasant matte effect**.

A **natural** texturizing powder, ethically sourced, coming from **babassu nut** exclusively sourced in Brazil. This natural powder leaves a **soft and matte** skin aspect.

ADDITIONAL INGREDIENTS: Phenoxethanol - Ethylhexylglycerin; EUXYL® PE9010 (SCHULKE) / Fragrance "Ylang Sol" (SOZIO) / C10E18 Triglycerides; DUB CIRE H1 (DUBOIS) / Hexyl laurate; DUB LAHE (DUBOIS)

More informations available on seppic.com

SEPPIC

All information contained herein is intended merely to demonstrate the utility of Seppic products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application or efficacy or tolerance. All information contained in this specific technical documentation is believed to be accurate and has been set up by Seppic according to its own described methods and processes. Seppic however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. Seppic customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status. Formula only for demonstration purposes.

Air Liquide
HEALTH CARE



AS40213 | 2 WAYS BRIGHTENING SOLID CREAM

Use dry or after shower still wet or dilute with a toner



NATURALITY PROFILE according to ISO 16128 norm



Solid Concept

Can be used with and without water
Have FUN!

A	MONTANOV™ L	5.00%
	EMOGREEN™ L19	26.00%
	C10-18 Triglyceride	12.00%
	Glyceryl Behenate	10.00%
	Pentaerythrityl tetrabenate	8.00%
B	Hydrogenated Styrene/isoprene Copolymer	1.60%
	EPHEMER™	1.00%
C	SEPICALM™ VG WP	1.00%
	Butylene Glycol	10.00%
	SEPINOV™ EMT 10	2.40%
	SEPIMAX™ ZEN	0.60%
D	Pentylene Glycol	2.00%
	AQUAXYL™	5.00%
	CODIVALANE™ BG/PF	2.00%
E	HYDRALIXIR™ LD	Up to 100%
	Fragrance	0.10%

White solid wax / Packaging: Jar

pH (1:3 water dilution): 5.7 / VISCOSITIES: 1M at RT: NA

Recovery at RT (after 1M at 45°C): NA

STABILITY: MI at RT, 45°C, -18°C and cycles -5°C/+40°C.

FORMULATION ADVICES /Weigh phase A and heat it to 90°C till uniform, homogenize it 4000rpm 2 minutes. Mix phase C and stir till uniform, and heat it to 80°C then add phase D and stir it until uniform. Add phase B to phase A, mix well. Add heated phase C+D to phase A+B, homogenize at 4000 rpm for 3 minutes. Add phase E, stir 5 minutes until uniform, fill in to the moulds at around 70-75°C.

Waterless! Solid cream with melting balm texture for brightening skin.

New cosmetic gesture to preserve water.

EMOGREEN™ L19 (C15-19 Alkane renewable)

It is a non polar and biodegradable, bio-sourced emollient. It's THE alternative to silicone oils. It give a fresh and gliding touch, with a soft afterfeel.

MONTANOV™ L (C14-22 Alcohols and C12-20 Alkyl Glucoside)

Glucolipid emulsifier in harmony with nature. It is well-suited to formulate different textures (from sprayable to butter cream) no matter the nature or the quantity of fatty phase used. It stabilizes emulsions, and has a strong moisturizing power since it promotes liquid crystals which prevent the skin from dehydration.

SEPIMAX ZEN™ (Polyacrylate Crosspolymer-6)

Powder polymer with a MAXIMUM resistance to electrolytes thanks to its high associative behavior. Stable from pH 2 to 8, it enables the creation of formulas with a specific skin feeling, included foaming formulas: rich, velvety and elegant.

SEPINOV™ EMT 10 (Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer)

Pre-neutralized powder polymeric thickener on a wide pH range (3-12). It provides also excellent oil stabilizing property even in presence of a high percentage of oily phase. It imparts satiny and fresh skin feel. It can thicken polycols and make anhydrous gels.

AQUAXYL™ (Xylitylglucoside & Anhydroxylitol & Xylitol)

This patented sugars complex moisturizes and restructures the skin by harmonizing the hydric flow of the skin. Water reserves are instantly boosted and water loss is reduced.

CODIAVELANE™ BG PF (Aqua/Water and Butylene Glycol and Codium Tomentosum Extract)

Water soluble active extracted from "velvety alga" to facilitate high hydration by its richness in marine sugars.

HYDRALIXIR™ LD (Aqua/Water - Laminaria Digitata Extract)

Cellular water from Laminaria digitata: an eco-designed by-product, resulting from an energy efficient process (gentle drying).

EPHEMER™ (Caprylic/Capric Triglyceride and Undaria Pinnatifida Extract)

Extract of gametophytes, macroalgae cells of Undaria Pinnatifida. Unique sourcing of these ephemeral cells for an immediate and long lasting antioxidant effect. Specific efficacy on mitochondrial-free-radical reduction.

SEPICALM™ VG WP (Sodium Palmitylproline and Nymphaea Alba Flower Extract)

A successful marriage between palmitoylproline and water lily flower extract reaching a unique lightening and soothing effect.

ADDITIONAL INGREDIENTS: Hydrogenated styrene/isoprene copolymer: Ellamera BI THIN 402 (KRATON) C10-18 Triglyceride: DUB CIRE HI (DUBIOS) /Glyceryl Behenate: DUB BG (DUBOIS)/Pentaerythrityl tetrabenate: DUB PTB (Stearimerie Dubois) /Pentylene Glycol: Microcare Emollient FTG; Fragrance: 613049653 (Givaudan)

More informations available on seppic.com

SEPPIC

All information contained herein is intended merely to demonstrate the utility of Seppic products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application or efficacy or tolerance. All information contained in this specific technical documentation is believed to be accurate and has been set up by Seppic according to its own described methods and processes. Seppic however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. Seppic customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status. Formula only for demonstration purposes.

A company
Air Liquide
HEALTH CARE



SKIN CARE

EU07446A | EXPRESS MINIMALIST BODY LOTION

With organic chamomile flower - Bio By SEPPIC

NATURALITY
PROFILE
according to
ISO 16128 norm

Body Care

Slimness & Firmness

Formulated with COSMOS
approved ingredients

A	MONTANOV™ L	2.50%
	Glycerin	2.00%
	Water/Aqua	28.35%
B	Organic virgin plum oil	1.00%
	EMOGREEN™ L19	2.50%
	Tocopherol	0.15%
C	SOLAGUM™ AX	0.80%
D	Water/Aqua	40.00%
	Orange Blossom Floral Water Organic	17.00%
	KALPARIANE™	1.00%
	ADIPOSLIM™	1.50%
	Chamomile Flower Extract Organic	1.00%
	Organic Aloe Vera Extract	1.00%
	Benzyl Alcohol and Benzoic Acid and Dehydroacetic Acid	0.80%
	Triethanolamine	qs pH
Parfum/Fragrance	0.40%	

White fluid emulsion / Packaging : Tube

pH: 5.7 / **VISCOSITIES**: 1M at RT 3 200 mPa.s Brookfield LV2-6;

1M at 45°C 2 100 mPa.s Brookfield LV2-6

Viscosity recovery at RT (after 1M at 45°C): 3 000 mPa.s Brookfield LV4-6.**STABILITY**: >1M.

FORMULATION ADVICES: Pilot - 5 Kg - Trimix -

Heat the aqueous phase A in the tank to 85°C. Melt phase B at 60°, then add SOLAGUM AX and leave to heat for 2 min. Pour the phases B+C on A and emulsify 10 min at 3000 rpm with the rotor-stator. Cool gradually. At 40°C add phase D, then shear again for 5 min at 3000 rpm at the rotor-stator. Allow to cool by applying vacuum several times to debubble.

Concentrated emulsion process for refining/stabilizing fluid emulsions

This slimming & firming body care moisturizes and stimulates the skin.

This fluid, natural and minimalist emulsion offers a comfortable, non-sticky spread.

KALPARIANE™ moisturizes, firms and tones the skin. (Caprylic/Capric

Triglyceride/Alaria Esculenta Extract)

Oily active from alaria esculenta brown alga to **maintain suppleness and firmness of the skin.** Hydration and suppleness of the skin (in vivo study)

ADIPOSLIM™ refines the silhouette (Sorbitan Laurate and Lauryl Proline)

A **dual action** to correct existing "orange skin aspect" inhibits and eliminates fat storage for "Top Model" shape adipocytes (in vivo and in vitro proven efficacy versus placebo). Ecocert approved.

MONTANOV™ L is ideal for obtaining milks with **fluid viscosity and stable over time.** (C14-22 Alcohols and C12-20 Alkyl Glucoside)

Glucolipid emulsifier in harmony with nature made in France. It is well-suited to formulate different textures (from sprayable to butter cream) no matter the nature or the quantity of fatty phase used. It stabilizes emulsions, and has a strong moisturizing power since it promotes **liquid crystals** which prevent the skin from dehydration and boosts the action of active ingredients). COSMOS and Natrue approved.

EMOGREEN™ L19 (C15-19 Alkane (Plant-based & Renewable))

It's a non polar and biodegradable, **bio-sourced emollient**. It's THE alternative to silicone oils. This high purity vegetable alkane is conformed to Cosmos and Natrue. It gives a fresh and gliding touch, with a soft afterfeel.

SOLAGUM™ AX, natural gum, by itself **stabilizes** the formula without providing a sticky or runny effect.

Acacia Senegal Gum and Xanthan Gum)

ADDITIONAL INGREDIENTS: Benzyl Alcohol - Benzoic Acid - Dehydroacetic Acid: EUXYL K903 (Schülke & Mayr) / Auteurs fournisseurs : Organic virgin plum oil: Prunus Domestica Seed Oil (PERLE DE GASCOGNE) / Orange Blossom Floral Water Organic: Citrus Aurantium Amara Flower Water, Citric Acid, Potassium Sorbate, Sodium Benzoate = Hydrolat Oranger fleur CBIO PRH (HERBAROM) / Chamomile Flower Extract Organic: Chamomilla Recutita (matricaria) Extract (BIO BOTANICA) / Organic Aloe Vera Extract: Aloe Barbadosis Leaf Juice, Glycerin, Aqua : Aloe Vera Extract (BOTANICA) / Parfum/Fragrance : 0.2% Citrus Lime (Givaudan) - 0.2% Hesperide Natflor (TECHNICO FLOR)

A formula related to COSMOS concept

More informations available on seppic.com

SEPPIC

All information contained herein is intended merely to demonstrate the utility of Seppic products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application or efficacy or tolerance. All information contained in this specific technical documentation is believed to be accurate and has been set up by Seppic according to its own described methods and processes. Seppic however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. Seppic customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status. Formula only for demonstration purposes.

A company
Air Liquide
HEALTH CARE



US20145 | CREAMY BODY BUTTER

A light softening butter



NATURALITY PROFILE according to ISO 16128 norm



Moisturization

Skin Softness

Quick absorbing

A	Water	Up to 100%
	AQUAXYL™	3.00%
	Blue# 1 solution 0.1%	0.10%
	Yellow#5 solution 1.0%	0.04%
B	MONTANOV™ 82	3.00%
	MONTANOV™ S	2.00%
	Hexyl Laurate	9.00%
	Isononyl Isononanoate	9.00%
	C10-18 Triglycerides	11.00%
	Butyrospermum Parkii (Shea) Butter	5.00%
	Cucumis Sativus (Cucumber) Seed Oil	2.00%
C	SEPI NOV™ EMT 10	1.00%
D	Preservatives	1.00%
E	CODIAVELANE™ BG PF	2.00%
F	Fragrance "Cucumber"	0.10%

Green thick emulsion / Packaging: Jar

pH: 6.0 / **VISCOSITIES:** **1M** at RT: 405,000 cps Brookfield LV96 @1.6rpm / **Recovery at RT (after 1M at 45°C):** 410,000 cps Brookfield LV96 @1.6rpm. **STABILITY:** 1M at RT, 45°C, 3 F/T cycles -5°C/+40°C.

FORMULATION ADVICES: Laboratory scale - 300g - Homogenizer & Sweeper

Combine phase A, mix well and then heat to 85C. Combine phase B and heat to 85C. Once B melted, add phase C into it and mix well. Combine Phase A and BC and homogenize at 4,000 rpm for 4 minutes. Add D during homogenization. Add E at 50C then add F at 45C and poured into jar at 45C.

**A light body butter that melts into the skin like an oil.
Creamy, quick-absorbing to moisturize with ease.**

You will melt for it!

The emulsion is stabilized with **SEPI NOV™ EMT 10** (Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer)

A **pre-neutralized powder polymeric thickener**, working on a wide pH range (3-12). It also provides excellent **oil stabilizing property** even in presence of a high percentage of oily phase. It imparts satiny and fresh skin feel.

The combination of **MONTANOV™ 82 & MONTANOV™ S** natural emulsifiers creates this **thick but light emulsion**

MONTANOV™ 82 (Arachidyl Alcohol (and) Behenyl Alcohol (and) Arachidyl Glucoside); Glucolipid emulsifier derived from vegetable origin made in France. **MONTANOV™ 82** is especially well-suited for formulations with a high concentration of active ingredients. In combination with the other grades of the MONTANOV™ range, it can be used to modulate the texture and flexibility of the emulsions as desired. It allows the formulation of stable sun care products in terms of texture, dispersion of sunscreens, protection factor, etc. Ecocert, Cosmos and Natrue approved.

MONTANOV™ S (Coco-Glucoside - Coconut Alcohol) Glucolipid co-emulsifier in harmony with nature made in France. The combination with another emulsifier facilitates the formulation of stable sun care products in terms of texture, dispersion of sunscreens, protection factor, etc. Ecocert, Cosmos and Natrue approved.

The two active ingredients **AQUAXYL™ & CODIAVELANE™ BG PF** helps restoring skin hydration and smoothness:

AQUAXYL™ moisturizes and restructures the skin (Xylitylglucoside - Anhydroxylitol - Xylitol); This natural plant sugars complex boosts water reserves, water circulation in all skin layers and reduces water loss.

CODIAVELANE™ BG PF facilitates high hydration (Aqua/Water and Butylene Glycol and Codium Tomentosum Extract)
A Sugar Kelp extract rich in sugars managing water content

ADDITIONAL INGREDIENTS: Phenoxyethanol (and) Ethylhexylglycerin: EUXYL® PE9010 (SCHULKE) / Fragrance "Cucumber" (GIVAUDAN) / C10-18 Triglycerides: DUB CIRE H1 (DUBOIS) / Butyrospermum Parkii (Shea) Butter: KARITE CP (SOPHIM) / Hexyl Laurate: DUB LAHE (DUBOIS) / Isononyl Isononate: DUB INN (Dubois) / Cucumis Sativus (Cucumber) Seed Oil: ORGANIC REFINED COLD PRESSED CUCUMBER OIL (SOPHIM)

More informations available on seppic.com

SEPPIC

All information contained herein is intended merely to demonstrate the utility of Seppic products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application or efficacy or tolerance. All information contained in this specific technical documentation is believed to be accurate and has been set up by Seppic according to its own described methods and processes. Seppic however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. Seppic customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status. Formula only for demonstration purposes.

A company
Air Liquide
HEALTH CARE



EU07738 | MY DAILY HAND CREAM RESCUER

The must-have for healthy hands



NATURALITY PROFILE according to ISO 16128 norm

NOC= 98.2%



Moisturizing

Softness

Soothing effect

A	Water SEPLIFE™ G305	Up to 100% 2.00%
B	MONTANOV™ 202 Butyrospermum parkii (shea) butter EMOGREEN™ L19	3.00% 7.00% 5.00%
C	AQUAXYL™ ANTILEUKINE 6™ Tocopherol Benzyl alcohol & dehydroacetic acid	1.00% 2.00% 0.05% 1.00%

White emulsion / Packaging: Tube

Challenge test: in process

pH: 5.2

VISCOSITIES: D7 at RT: 90 000 mPa.s Brookfield M7V5 / M1 at RT : 106 000 mPa.s Brookfield M7V5

Recovery at RT (after 1M at 45°C): 100 000 mPa.s Brookfield M3V6.

STABILITY: 1M at RT, 45°C

FORMULATION ADVICES: Pilot - Defloculator

Make the aqueous gel under defloculator then heat to 80°C. Weigh the phase B and heat to 80°C. Incorporate phase B in the phase A with rotor at 5500rpm for 4min. Gradually cool down to 30°C then add the phase C. Cool to 20°C. Adjust pH5 if necessary.

A combo of ingredients for moisturized, soft and soothed hands.

The hand cream to use at any time of the day for a protected skin!

AQUAXYL™ moisturizes and restructures the skin (Xylitylgucoside and Anhydroxylitol and Xylitol), by harmonizing the hydric flow of the skin. **Water reserves** are instantly **boosted**, **water circulation** is **improved** in all **skin layers** and **water loss** is **reduced** (in vitro and in vivo tests prove this efficacy). It's mechanism of action has been validated by cosmetogenomics.

ANTILEUKINE™6 soothes, reinforces and protects the skin (Caprylic/Capric Triglyceride and Laminaria Ochroleuca Extract).

It is an immediate soother with anti-ageing benefits that also **improves skin quality**. It reinforces the basal state of the skin and protects it from UV, creating a **Daily Soothing Shield!**

EMOGREEN™L19 for a fresh and gliding touch, and soft hands (C15-19 Alkane). It is a non polar and **biodegradable, bio-sourced emollient**. It's **THE alternative to silicone oils**. This high purity vegetable alkane is conformed to Cosmos and Natrue. Inert and stable, it can be used in all types of applications, even in extreme conditions (pH, oxidizing/reducing media...)

MONTANOV™202 creates a smooth texture and contributes to the skin **moisturization** (Arachidyl Alcohol and Behenyl Alcohol and Arachidyl Glucoside). This glucolipid emulsifier of plant origin is made in France. Liquid crystal promoter, it allows to create very stable biomimetic textures, providing **long-lasting hydration and an immediate restructuring effect** for a smoother skin texture.

SEPLIFE™ G305 thickens and stabilizes the emulsion providing an easy spreading and a soft texture. (Acrylamide/Sodium Acryloyldimethyl Taurate Copolymer and C15-19 Alkane and Polyglyceryl-10 Laurate and Polyglycerin-10).

It is an **upgraded iconic Sepigel 305** with 62.5% of natural origin content according to ISO 16128. It is inherently biodegradable: 44% in 28 days*. Pre-neutralized **liquid polymeric thickener** on a wide range of pH (3-12), it presents similar high performance and sensoriel to that of Sepigel 305.

ADDITIONAL INGREDIENTS: benzyl alcohol & dehydroacetic acid LONZA - butyrospermum parkii (shea) butter SOPHIM - tocopherol BASF

More informations available on seppic.com

* Data provide from OECD tests, QSAR calculations, products SDS and literature.

SEPPIC

All information contained herein is intended merely to demonstrate the utility of Seppic products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application or efficacy or tolerance. All information contained in this specific technical documentation is believed to be accurate and has been set up by Seppic according to its own described methods and processes. Seppic however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. Seppic customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status. Formula only for demonstration purposes.

A company
Air Liquide
HEALTH CARE



SKIN CARE

EU07655 | COLD CREAM 2.0

Rich but not greasy!

NATURALITY
PROFILE
according to
ISO 16128 norm

Thick texture

Pleasant gliding

Non-greasy

* Data provide from OECD tests, QSAR calculations, products SDS and literature.

A	Aqua/Water ORAMIX™ CG 110 Glycerin	Up to 100% 0.25% 3.00%
B	MONTANOV™ L EMOGREEN™ L19 LANOL 2681 Caprylic/Capric Triglyceride Cera Alba LANOL P ECAILLES	2.00% 15.00% 10.00% 10.00% 4.00% 2.00%
C	SEPI NOV™ EMT 10 SOLAGUM™ AX	1.00% 0.50%
D	AQUAXYL™ Rosa Damascena Flower Water - Citric Acid - Sodium Benzoate - Potassium Sorbate Benzyl Alcohol and Dehydroacetic Acid Fragrance Tocopherol	1.50% 2.00% 0.80% 0.07% 0.10%

Thick Emulsion / Packaging: Jar

Challenge test: Criteria A

pH: 5.0 / **VISCOSITIES:** **1M at RT:** 10,000 - 90,000 mPa.s Brookfield M7V5 / **Recovery at RT (after 1M at 45°C):** 10,000 - 90,000 mPa.s Brookfield M7V5.

STABILITY: 1M at RT, 45°C, cycles -5°C/+40°C.

FORMULATION ADVICES: Laboratory scale - 500 g - Silverson

Prepare and heat to 75°C phase B and phase A separately. Add phase C to phase A and homogenize under Silverson to form a gel. Emulsify under direct process, that is to say: pour phase B into phase A slowly under Silverson at 4000 rpm for 4 minutes. Then, cool down under anchor to 40°C and add the ingredients of phase D one by one.

The best ally to take care of your hands!

A maximum of sensoriality.

SEPI NOV™ EMT 10 imparts satiny, fresh skin feel and excellent oil stabilizing properties!

(Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer)

Pre-neutralized powder polymeric thickener on a wide pH range (3-12). Excellent tolerance even for baby care, irritated skin.

SOLAGUM™ AX stabilises up to 15% of the oil phase. (Acacia Senegal Gum and Xanthan Gum)

Smart combination of natural thickening polymers. **Ecocert** and **Natru**e approved.

ORAMIX™ CG 110 helps to reach a perfect stability.

(Caprylyl/Capryl Glucoside)

Non-ionic surfactant from vegetable origin. **Ecocert**, **Cosmos** and **Natru**e approved.

MONTANOV™ L stabilises up to 40% of oil phase. (C11-22 Alcohols and C12-20 Alkyl Glucoside)

Glucolipid emulsifier. **Ecocert** and **Natru**e approved.

EMOGREEN™ L19 gives a fresh and gliding touch with a soft afterfeel.

(C15-19 Alkane) (*Plant-based & Renewable)*

It is a non polar and biodegradable, bio-sourced emollient. This high purity vegetable alkane is conformed to **Cosmos** and **Natru**e approved.

In addition to a soft and light touch, LANOL 2681 contributes to a non-greasy finish. (Coco-Caprylate/Caprato)

Emollient agent from vegetable origin. Polar ester. **Cosmos** approved.

Without any soaping effect, LANOL P ECAILLES brings thickness to the texture. (Glycol Palmitate)

Texturing agent.

AQUAXYL™ moisturizes and restructures the skin by harmonizing the hydric flow of the skin. (Xylitylglucoside and Anhydroxylitol and Xylitol)

Cosmos and **Natru**e approved.

ADDITIONAL INGREDIENTS: Caprylic/Capric Triglyceride: TRIGLYCERIDE CAPRIC/CAPRYLIC (BERTINI) / Cera Alba: BEE WAX (TOURACO) / Rosa Damascena Flower Water - Citric Acid - Sodium Benzoate - Potassium Sorbate: HYDROLAT DE ROSE (HERBAROM) / Benzyl Alcohol and Dehydroacetic Acid: GEOGARD 221 (LONZA) / Fragrance: ALOE BAMBOO HYDRO (EXPRESSIONS PARFUMES) / Tocopherol: DL ALPHA TOCOPHEROL (BASF).

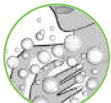
A formula related to Breathtaking Rituals concept

More informations available on seppic.com

SEPPIC

All information contained herein is intended merely to demonstrate the utility of Seppic products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application or efficacy or tolerance. All information contained in this specific technical documentation is believed to be accurate and has been set up by Seppic according to its own described methods and processes. Seppic however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. Seppic customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status. Formula only for demonstration purposes.

Air Liquide
HEALTH CARE



HYGIENE

EU07724 | DOUGH-LIKE SYNDET

Fun under shower !



Syndet Face Cleanser

Waterless solid cosmetic

Respect of the microbiota



Anhydrous product



NOC= 87.7%
NATURALITY PROFILE according to ISO 16128 norm*



A	ORAMIX™ CG 110	15.00%
	ORAMIX™ NS 10	15.00%
	PROTEOL™ APL EF	10.00%
	MONTANOV™ 202	15.00%
	AMONYL™ 380 BA C	5.00%
	Hydrogenated Olive Oil Cetyl Esters	1.50%
	LANOL P	6.00%
	LANOL 14M	6.00%
	EMOGREEN™ L19	10.00%

B	AQUAXYL™	3.00%
	EQUIBIOME™	1.00%
	Monopropylene Glycol	10.00%
	Preservative	1.00%
	Colorant	0.50%
	Fragrance	1.00%

Pink doughy syndet / Packaging : Tube

STABILITY: 3M at RT

FORMULATION ADVICES - Laboratory scale - 400 g

Weigh the ingredients of phase A in a beaker and heat until 85 °C. Homogenize the ingredients of phase B in another beaker with a spatula. Once the phase A is melted, add phase B gradually keeping the water bath. Homogenize with a spatula during 30 seconds. Once homogenized, pour into containers and cool down for 30 minutes.

Bring fun to your routine with this waterless doughy syndet !

A small amount of this product with water gently cleanses and leaves a pleasant film on your skin.

The gentle foaming base contains **22.2% active ingredients** including **ORAMIX™ CG 110, ORAMIX™ NS 10, PROTEOL™ APL EF and AMONYL™ 380 BA C**.

From natural origin, **ORAMIX™ CG 110** (Caprylyl / Capryl Glucoside) & **ORAMIX™ NS 10** (Decyl Glucoside) bring a gentle cleansing effect.

Thanks to **PROTEOL™ APL EF** the foam is gentle on skin and eyes. (Sodium Cocoyl Apple Amino Acids). Fruit surfactant derived from **essential amino-acids** present in apple juice, for a gentle approach and also respectful of the environment.

AMONYL™ 380 BA C provides a fine foam that is stable over time. (Cocamidopropyl Betaine)

MONTANOV™ 202 stabilizes by bringing cohesion and keeping the skin hydrated! (Arachidyl Alcohol and Behenyl Alcohol and Arachidyl Glucoside) Glycolipid emulsifier derived from vegetable origin and promoter of liquid crystals.

EQUIBIOME™ (Propylene Glycol and Arctium Lappa Root Extract) Extracted from the roots of Great Burdock (Arctium lappa), EQUIBIOME™ is an active ingredient that **maintains the equilibrium of delicate skin-microbiota for a perfect and harmonious skin**. Tested in vivo & in vitro, EQUIBIOME™ shows powerful **soothing properties and reinforces skin barrier**.

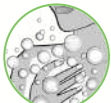
AQUAXYL™ (Xylitylglucoside and Anhydroxylitol and Xylitol) It **moisturizes and restructures the skin** by harmonizing the hydric flow of the skin. Water reserves are instantly boosted, water circulation is improved in all skin layers and water loss is reduced.

ADDITIONAL INGREDIENTS: Fragrance : NEUTROPHILE (EXPRESSIONS PARFUMÉES) / Preservative : Phenoxyethanol and Ethylhexylglycerin - EUXYL PE 9010 (SCHULKE & MAYR) / Monopropylene Glycol (BRENNTAG) / Colorant : ROUGE RUBIS 1% (SENSIENT LCW) / Hydrogenated Olive Oil Cetyl Esters (PHYTOWAX 16L55)

A formula related to **HAPPY COSMETIC** concept

More informations available on seppic.com

* Data provide from QSAR calculations, products SDS and literature.



HYGIENE

US20165 | WALK ON THE BEACH

A solid anhydrous body scrub



NATURALITY
PROFILE
according to
ISO 16128 norm



Physical exfoliation

Nourishing

Softening effect

A	MONTANOV™ 14	5.00%
	EMOGREEN™ L19	2.50%
	Ricinus Communis Seed Oil (and)	18.00%
	Hydrogenated Castor Oil (and)	
	Copernicia Cerifera (Carnauba) Wax	
B	C10-18 Triglycerides	17.00%
	Butyrospermum Parkii (Shea) Butter	5.00%
	Cocos nucifera (Coconut) oil	5.00%
	Ethyl Oleate	10.00%
	Potassium stearate	15.00%
B	ANTILEUKINE 6™	2.00%
	C	Salt
D	Fragrance "Bath-Radise"	0.50%

Solid nude scrub / Packaging: Individual box

pH: N/A / **VISCOSITIES:** **1M at RT:** 430,000 cps Brookfield LV96V0.6

Recovery at RT (after 1M at 45°C): 450,000 cps Brookfield LV96V0.6

STABILITY: 3M at RT, 45°C, 3 F/T cycles -5°C/+40°C.

FORMULATION ADVICES: Laboratory scale - 300g batch - Overhead mixer

Combine Phase A and heat to 80C and mix well. Cooldown the batch to 60C and add phase B while agitating. At 55C, add Salt and mix well. Add phase D right before pouring into jar at 50C.

A single solid salt scrub to crush and rub on the skin then rinse-off

The skin soft, supple and soothed like after a walk on the beach

MONTANOV™ 14 is an alkylpolyglucoside co-emulsifier used as **consistency agent**. (Myristyl Alcohol & Myristyl Glucoside)

Glucolipid co-emulsifier in harmony with nature made in France. In association, MONTANOV™ 14 acts like a texturing agent which combines **consistency and light texture within emulsions**. Ecocert, Cosmos and Natrue approved. It helps to stabilize and improve the texture of this solid scrub. MP: ≈48°C

EMOGREEN™ L19 (C15-19 Alkane (Plant-based & Renewable))

EMOGREEN™ L19 is a **non polar and biodegradable, bio-sourced emollient**. It's THE alternative to silicone oils. This high purity vegetable alkane is conformed to Cosmos and Natrue. It gives a **fresh and gliding touch, with a soft afterfeel**. Inert and stable, it can be used in all types of applications, even in extreme conditions (pH, oxidizing/reducing media...).

ANTILEUKINE 6™ soothes and protects after UV exposure! (Caprylic/Capric Triglyceride and Laminaria Ochroleuca Extract)

Regulates the inflammation mediators for an **immediate in vivo soothing effect** and long term firming and moisturizing benefits.

ADDITIONAL INGREDIENTS: Salt grains (Costco), Fragrance: Bath-Radise SZU5035560 (Sozio) / Ethyl oleate: DUB OE HP MB (DUBOIS) / Potassium stearate: DUB SK (DUBOIS) / C10-18 Triglycerides: DUB CIRE HA (DUBOIS) / Butyrospermum Parkii (shea) butter: KARITE CP (SOPHIM) / Ricinus Communis Seed Oil (and) Hydrogenated Castor Oil (and) Copernicia Cerifera (Carnauba) Wax: VEGELINE 65 (SOPHIM) / Cocos nucifera (coconut) oil: ORGANIC DEODORIZED COCONUT OIL (SOPHIM)

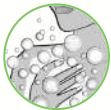
More informations available on seppic.com

* Data provide from OECD tests, QSAR calculations, products SDS and literature.

SEPPIC

All information contained herein is intended merely to demonstrate the utility of Seppic products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application or efficacy or tolerance. All information contained in this specific technical documentation is believed to be accurate and has been set up by Seppic according to its own described methods and processes. Seppic however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. Seppic customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status. Formula only for demonstration purposes.

A company
Air Liquide
HEALTHCARE



HYGIENE

EU07762 | DEODORANT BALM

COSMOS & Waterless !



NATURALITY
PROFILE
according to
ISO 16128 norm



Melting Balm

COSMOS Texture

Bare Skin Effect

A	EMOGREEN™ L19	50.70%
	MONTANOV™ 202	5.00%
	Hydrogenated Olive Oil Cetyl Esters	10.00%
	Cera Alba	5.00%
B	LIPACIDE™ UG	1.00%
	SEPIFINE™ BB	10.00%
	Oryza Sativa (Rice) Powder	15.50%
C	Zinc Oxide	2.50%
	Fragrance	0.30%

White Solid Wax / Packaging: Pot

STABILITY : 3M at RT

FORMULATION ADVICES : Laboratory Scale - 50 g

Weigh phase A in a beaker and melt it in a water-bath at 80-90°C. Remove the beaker from the water-bath and add powders and the fragrance. Homogenize with a spatula, then pour it at 70°C into the jar.

A waterless deodorant with a balm texture for a convenient and environmentally friendly application!

Its rich texture melts on contact with the skin and leaves a bare skin effect !

MONTANOV™ 202 (Arachidyl Alcohol and Behenyl Alcohol and Arachidyl Glucoside) **stabilizes this balm while bringing cohesion !**

Due to its liquid crystal promoting capabilities, this glycolipid emulsifier **regulates the stability** of the formula by **maintaining hydration**.

EMOGREEN™ L19 (C15-C19 Alkane)

It's THE alternative to silicone oils. This non polar and biodegradable, bio-sourced emollient gives a **fresh and gliding touch**, with a **soft afterfeel**. It is the ideal ally for **very dry and sensitive skin** : a better appearance, a more balanced skin microbiota and a renewed feeling of comfort.

SEPIFINE™ BB (Amylopectin) **creates a pleasant playtime and a matte effect!**

A natural **texturizing powder**, ethically sourced, coming from **babassu nut** exclusively sourced in Brazil. This biodegradable powder provides a **soft, velvety finish** to the skin, while **absorbing oil from the formula**.

LIPACIDE™ UG (Undecylenoyl Glycine)

Dermo-protective thanks to its natural acid structure, LIPACIDE™ UG protects the skin's acid mantle. It brings an **efficient and gentle deodorant activity** while **respecting the arm pit's sensitive skin area**. Ecocert approved.

ADDITIONAL INGREDIENTS : Hydrogenated Olive Oil Cetyl Esters / Phytowax 16L55 (SOPHIM) / Cera Alba : CERABEL BLANC DAB (CERESINE) / Oryza Sativa (Rice) Powder : Rice Powder (DAITO KASEI) / Zinc oxide : Rhonacare Zinc Oxide (MERCK) / Fragrance : Pureté aquatique (Payan Bertrand)

More informations available on [seppic.com](https://www.seppic.com)

SEPPIC

All information contained herein is intended merely to demonstrate the utility of Seppic products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application. All information contained in this specific technical documentation is believed to be accurate and has been set up by Seppic according to its own described methods and processes. Seppic however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. Seppic customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status.

A company
Air Liquide
HEALTH CARE



HAIR CARE

US20159 | Lock it in! Moisturizing Hair Butter

A rich and smooth buttery conditioner



NATURALITY PROFILE according to ISO 16128 norm



Hair conditioning effect

Hair shine

Intense hair nourishment

* Data provide from OECD tests, QSAR calculations, products SDS and literature.

A	Water	61.05%
	XYLISHINE™	3.00%
	Benzyl Alcohol (and) Benzoic Acid (and) Dehydroacetic Acid (and) Tocopherol	1.00%
B	MONTANOV™ 202	5.00%
	Shorea robusta seed butter	3.00%
	C10-18 Triglyceride	5.00%
	Coco-Caprylate/Caprata	7.00%
	EMOGREEN™ L15	5.00%
	Hexyl Laurate	7.00%
C	SEA SATIN™	1.00%
D	SIMULQUAT™ HC 305	1.50%
E	Sodium hydroxide, 25% solution	0.25%
F	Fragrance "Magic Berry"	0.20%

White smooth cream/ Packaging: Jar

pH: 5.3/ **VISCOSITIES:** **1M** at RT: 215,000 cps Brookfield LV96V3.0

Recovery at RT (after 1M at 45°C): 212,000 cps Brookfield LV96V3.0

STABILITY: 3M at RT, 45°C, 3 F/T cycles @ -5°C/+40°C.

FORMULATION ADVICES: Laboratory scale - 300g batch - Homogenizer & Overhead mixer

Combine phase A and heat to 85C. Combine phase B and heat to 85C and then add phase C into B. Then add/disperse phase D into BC. When temperature reaches 85C, combine phase BCD with phase A and homogenize for 4 minutes at 4,000 rpm. While homogenizing, add phase E. Cool down to 40C and add phase F and cool to ambient temperature. Check and adjust to pH 5-5.8.

A rich creamy conditioner to easily comb and deeply nourish, strengthen and beautify hair

Use on wet hair to help seal moisture in before steam or as a mask!

MONTANOV™ 202 natural emulsifier creates this **thick texture with a light neutral feel.** (Arachidyl Alcohol and Behenyl Alcohol and Arachidyl Glucoside) Glucolipid emulsifier derived from vegetable origin, it creates a highly elastic network for an **easy spread and uniform film** on hair.

EMOGREEN™ L15: (C15-19 Alkane (Plant-based & Renewable))

EMOGREEN™ L15 is a non polar and biodegradable, bio-sourced emollient. It's THE alternative to volatile silicone oils. This high purity vegetable alkane is conformed to Cosmos and Natrue.

Beyond the **lightweight and non-greasy skin feel, it gives a powdery finish.** Inert and stable, it can be used in all types of applications, even in extreme conditions (pH, oxidizing/reducing media...).

SIMULQUAT™ HC 305 is a liquid cationic polymer providing a **silicon-like feel and conditioning effect** (Acrylamidopropyltrimonium Chloride/Acrylates Copolymer and Isohexadecane and coceth-7)

A pre-neutralized, cold processable cationic liquid polymer with excellent stabilizing and thickening properties.

Natural origin active ingredients for shiny hair, volume and defined curls:

XYLISHINE™ deeply moisturizes hair, closes the cuticles and showed in vivo curl **definition and hair shine** (Xylitylglycoside and Anhydroxylitol and Maltitol and Xylitol and Pelvetia Canaliculata Extract)

SEA SATIN™ sea beet extract soothes the scalp, **eases combing and increases shine and volume.**

ADDITIONAL INGREDIENTS: Benzyl Alcohol (and) Benzoic Acid (and) Dehydroacetic Acid (and) Tocopherol: Euxyl® K 903 (SCHULKE); Fragrance: Magic Berry SZUM000117 (Sozio), Hexyl laurate Dub Lahe MB (STEARINERIE DUBOIS), C10-18 Triglyceride : Dub Care H1 (STEARINERIE DUBOIS), Shorea robusta seed butter DUB CARE H1 (STEARINERIE DUBOIS), Coco-Caprylate/Caprata DUB810C (STEARINERIE DUBOIS).

More informations available on seppic.com

SEPPIC

All information contained herein is intended merely to demonstrate the utility of Seppic products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application or efficacy or tolerance. All information contained in this specific technical documentation is believed to be accurate and has been set up by Seppic according to its own described methods and processes. Seppic however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. Seppic customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status. Formula only for demonstration purposes.

A company
Air Liquide
HEALTH CARE



HAIR CARE

EU07661 | SUSTAINABLE SOLID SHAMPOO

Eco-conscious gesture under shower



NATURALITY PROFILE according to ISO 16128 norm

Solid Shampoo

Shining & Moisturizing

Natural Formula

* Data provide from OECD tests, QSAR calculations, products SDS and literature.

A	ORAMIX™ L30	15,00%
	Sodium Cocoyl Isethionate	17,00%
	PROTEOL™ APL EF	10,00%
	ORAMIX™ NS 10	10,00%
	Distearoylethyl dimonium chloride and cetearyl alcohol	1,00%
B	MONTANOV™ 82	5,00%
	EMOGREEN™ L15	6,00%
	Hydrogenated Olive Oil Cetyl Esters	27,60%
	LANOL P ÉCAILLES	5,00%
	AQUAXYL™	1,50%
Preservative	0,80%	
Parfum	1,00%	
Colorant	0,10%	

Pink Solid shampoo
STABILITY : 1M at RT**FORMULATION ADVICE: lab trial - 100 g**

Weigh and heat all the ingredients of Phase A at 75°C, in a water-bath. Mix the phase with the spatula. Remove the beaker from the water-bath, add Phase B and mix with the spatula.

A sustainable solid shampoo with a creamy foam, for an intense hydration of the hair fiber!*The perfect combination for hair and environmental well-being!*A combination of surfactants at 26.4% of a.m composed of **ORAMIX™ L30**, **PROTEOL™ APL EF** & **ORAMIX™ NS 10**, the perfect association of foaming agents to formulate "alkyl-ether sulfate-free" formulas.**ORAMIX™ L30** *Sodium Lauryl Sarcosinate*Acting as an excellent alternative to Sodium Laureth Sulfate, this anionic surfactant derived from amino acids respects the hair structure and offers a **light, soft and abundant foam**.**PROTEOL™ APL EF** *(Sodium Cocoyl Apple Amino Acids)*Fruit surfactant derived from essential amino acids present in the apple juice, it respects the scalp giving a **creamy, rich and stable foam**.**ORAMIX™ NS 10** *(Decyl Glucoside)*Non-ionic surfactant derived from sugar, it gently cleans the skin and provides an **abundant and stable foam**.**MONTANOV™ 82** *(Cetearyl Alcohol and Coco-Glucoside)*, the non-ionic emulsifier stabilizing an important amount of the oily phase, it allows a simple rinse (more hydrophilic)**LANOL P ÉCAILLES** *(Glycol Palmitate)*, strengthens the action of MONTANOV™ and increases the consistency!**EMOGREEN™ L15**, brings hair shining without weighing down the hair. The hair fibre is strengthened! *(C15-C19 Alkanes)*
Non-polar and biodegradable emollient, this high-purity vegetable alkane acts as an **excellent alternative to volatile silicone oils**.**AQUAXYL™**, the foam volume booster*(Xylitylglucoside and Anhydroxylitol and Xylitol)*Coming from a patented sugar association, this moisturizing active ingredient **increases and improves the volume of the foam**. By avoiding the cracking phenomena, it gives a better aspect to the product and acts against dehydration offering a soft and creamy foam.**ADDITIONAL INGREDIENTS** : Sodium Cocoyl Isethionate : Bergasoft SCI 80 (INTERCHIMIE) / Distearoylethyl dimonium chloride and cetearyl alcohol : Varisoft EQ 65 Pellets (EVONIK) / Hydrogenated Olive Oil Cetyl Esters : Phytowax Olive 16L55 (SOPHIM) / Preservative : Phenoxethanol (and) Ethylhexylglycerin : Euxyl PE 9010 (SCHULKE & MAYR) / Parfum : Fresh Pomegranate (PAYAN BERTRAND) / Colorant : Sol rouge rubis 1%(SENSIENTE LCWIR)A formula related to **SOLID COSMETICS** concept.More informations available on seppic.com**SEPPIC**

All information contained herein is intended merely to demonstrate the utility of Seppic products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application or efficacy or tolerance. All information contained in this specific technical documentation is believed to be accurate and has been set up by Seppic according to its own described methods and processes. Seppic however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. Seppic customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status. Formula only for demonstration purposes.

Air Liquide
HEALTH CARE
A company



US20155 | CALI'S SUMMER SECRET

A highly protective and mineral sunscreen.



NATURALITY PROFILE according to ISO 16128 norm



25% Zinc Oxide sunscreen

Anti-photoaging

Moisturizing

A	Water	45.00%
	AQUAXYL™	1.50%
	Glycerin	3.00%
	Phenylpropanol (and) Propanediol (and)	1.00%
	Caprylyl Glycol (and) Tocopherol	
	SEPIMAX ZEN™	0.50%
B	Polyhydroxystearic acid	0.50%
	Coco-Caprylate/Caprate	8.50%
	Isocetyl Stearoyl stearate	5.00%
	EMOGREEN™ L19	3.00%
	MONTANOV™ 202	5.00%
	Zinc Oxide	25.00%
C	ANTILEUKINE 6™	2.00%

White smooth cream / Packaging: Jar

SPF35+ expected

pH: 8.4 / VISCOSITIES: 1M at RT: 370,000 cps Brookfield LV96 V1.0

Recovery at RT (after 1M at 45°C): 665,000 cps Brookfield LV96 V1.0

STABILITY: 3 months at RT, 45°C, 3 F/T cycles -5°C/+40°C.

FORMULATION ADVICES: Laboratory scale - 300g - Homogenizer & Sweeper

Combine phase A and swell polymer well and then heat it to 85C. Combine phase B and heat to 85C and then homogenize for a few minutes. While phase B is still at 85C, add phase C into it and disperse well. Once both phase A & BC reached 85C, combine them and homogenize at 4,000 rpm for 4 minutes. Cool down to ambient temperature. Check pH to make it between 7.5 - 9.

This smooth sun cream easily spreads and absorbs onto the skin for a daily sun protection

Daily protection against sun damages and dehydration!

A light and smooth emulsion with 25% ZnO thanks to MONTANOV™ 202 (Arachidyl Alcohol and Behenyl Alcohol and Arachidyl Glucoside) Glucolipid emulsifier derived from vegetable origin, with a high compatibility with pigments, creating light emulsions with a matte effect. Promoter of liquid crystals, it plays a role in maintaining skin moisturization over time.

Stabilization and thickening effect with SEPIMAX ZEN™ (Polyacrylate Crosspolymer-6) Pre-neutralized powder polymeric thickener with a MAXIMUM resistance to electrolytes thanks to its high associative behavior. Efficient on a wide range of pH from 3 to 8, it provides oil stabilizing effect and particle suspension, with a rich, velvety and elegant skin feel.

EMOGREEN™ L19 provides a fresh and gliding sensation with a powdery afterfeel. (C15-19 Alkane) Plant-based and biodegradable emollient, perfect alternative to silicone oil, it helps dispersing and stabilizing sunscreens.

Limit sun damages and dehydration with ANTILEUKINE 6™ & AQUAXYL™:

Mineral sunc AQUAXYL™ moisturizes and restructures the skin (Xylitylglucoside - Anhydroxylitol - Xylitol): This natural plant sugars complex boosts water reserves, water circulation in all skin layers and reduces water loss.

ADDITIONAL INGREDIENTS: Phenylpropanol (and) Propanediol (and) Caprylyl Glycol (and) Tocopherol: SENSIVA® PA 40 (SCHULKE) / Polyhydroxystearic acid: Dispersun DSP-OL110 (INNOPEC) / Zinc Oxide: ZinClear® XP (ANTARIA) / Glycerin / Coco-Caprylate/Caprate : DUB 810 C MB (DUBOIS) / Isocetyl Stearoyl stearate : DUB SSIC (DUBOIS)

More informations available on seppic.com

* Data provide from OECD tests, QSAR calculations, products SDS and literature.



All information contained herein is intended merely to demonstrate the utility of Seppic products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application or efficacy or tolerance. All information contained in this specific technical documentation is believed to be accurate and has been set up by Seppic according to its own described methods and processes. Seppic however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. Seppic customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status. Formula only for demonstration purposes.





US20189 | MINIMALIST SUN PROTECTION

A minimalist and mineral sunscreen.



O/W
Emulsion

15% Zinc Oxide
sunscreen

Only 7 ingredients

Moisturizing

A	Water SEPICIDE™LD	Up to 100% 0.90%
B	Polyhydroxystearic acid C12-15 alkyl benzoate MONTANOV™ 82 Zinc Oxide	0.50% 20.00% 5.00% 15.00%
C	SEPIPLUS™ S	1.20%

White smooth cream / Packaging: Jar or pump

SPF30 expected

pH: 8.4 / VISCOSITIES: 1M at RT: 53,800 cps Brookfield LV96 V6

Recovery at RT (after 1M at 45°C): 39,800 cps Brookfield LV96 V6

STABILITY: 3 months at RT, 45°C

FORMULATION ADVICES: Laboratory scale - 300g - Homogenizer & Sweeper

Combine phase A and heat to 85C. Combine phase B and heat to 85C then homogeize at high speed to disperse ZnO then while you maintaining at 85 C and add phase C. Add phase A to phase (BC) and start to homogenize for 4 minutes at 4,000 rpm. Add phase D during homogenization. Then Cool the batch down slowly with U-shape mixing Continue to mix and cool the batch down to room temperature.

This smooth sun cream easily spreads and absorbs onto the skin for a daily sun protection

A minimalist formula with only the needed ingredients!

MONTANOV™ 202 allows the formulation of stable sun care products in terms of texture, dispersion of sunscreens, protection factor, etc. (Cetearyl Alcohol and Coco-Glucoside)

Glicolipid emulsifier derived from vegetable origin made in France. MONTANOV™ 82 is especially well-suited for formulations with a high concentration of active ingredients. In combination with the other grades of the MONTANOV™ range, it can be used to modulate the texture and flexibility of the emulsions as desired. Ecocert, Cosmos and Natrue approved.

Stabilization and thickening effect with SEPIPLUS™ S I (Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer and Polyisobutene and PEG-7 Trimethylolpropane Cononut Ether

Pre-neutralized and concentrated **liquid polymeric thickener** on a wide range of pH (3 to 12). It offers excellent resistance to electrolytes. It can be used to formulate soft and rich textures that impart absolute comfort to the skin.

SEPICIDE™ LD (Phenoxyethanol)

Preservative agent with a good activity against gram-negative micro-organisms, particularly Pseudomonas Aeruginosa.

ADDITIONAL INGREDIENTS: C12-15 alkyl benzoate: DUB B1215 (DUBOIS) / Polyhydroxystearic acid: Dispersun DSP-OL100 (INNOSEC) / Zinc Oxide: ZinClear® XP (ANTARIA)

More informations available on seppic.com

* Data provide from OECD tests, QSAR calculations, products SDS and literature.

SEPPIC

All information contained herein is intended merely to demonstrate the utility of Seppic products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application or efficacy or tolerance. All information contained in this specific technical documentation is believed to be accurate and has been set up by Seppic according to its own described methods and processes. Seppic however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. Seppic customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status. Formula only for demonstration purposes.

A company
Air Liquide
HEALTH CARE