



HAIR CARE

US20162 | Knot Anymore! Detangling Spray

A leave-on milk with conditioning effect



Solution



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Easy combing

Hair smoothing

Nourishing



NATURALITY PROFILE according to ISO 16128 norm

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

A	D.I Water	84.20%
B	Glycerin	1.50%
	SOLAGUM™ AX	0.20%
C	SEPICAP™ MP	1.00%
D	SIMULQUAT™ HC 305	2.50%
	EMOGREEN™ L15	5.00%
	KARITE ON**	3.00%
	INULA HC	1.00%
E	Phenylpropanol (and) Propanediol (and) Caprylyl Glycol (and) Tocopherol	1.00%
F	Fragrance "Magic Berry"	0.50%
	Citric Acid 30% solution PH to 5.0	0.10%

With WESOURCE

White sprayable fluid / Packaging: Spray

pH: 5.0 / VISCOSITIES: 1M at RT: 1100 cps Brookfield LV spindle 62 @ 12 rpm

Recovery at RT (after 1M at 45°C): 1200 cps Brookfield LV spindle 62 @ 12 rpm

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

FORMULATION ADVICES: Laboratory scale - 300g batch

Premix phase B ingredients and add to phase A and mix well, then add phase C while mixing. Combine phase D ingredients together then add to phase (ABC) while homogenizing at 5000 rpm for 5 minutes. During homogenization add phase E and then phase F ingredients. Then adjust the PH to 5.0 with citric acid solution.



COLD PROCESS

A very fine and light sprayable white milk with conditioning & nourishing properties
Easy combing and protective effect on the hair!

SOLAGUM™ AX is a 100% natural gum providing oil stabilization and film forming effect (Acacia Senegal Gum and Xanthan Gum)

More powerful and easier to use than xanthan gum, it creates non-stringy gels with intermediate viscosity, an easy spread and nice skin feel.

SIMULQUAT™ HC 305 is a cationic liquid 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. It creates sprayable to thick textures ideal for hair conditioners and treatments.

EMOGREEN™ L15 is an alternative to volatile silicone oils, providing instant conditioning, shine, eases combing and smoothes the cuticles (C15-19 Alkane (Plant-based & Renewable))

Non polar and biodegradable alkanes, it's a 100% plant-based emollient with **lightweight and non-greasy skin feel** with a powdery finish.

KARITE ON**: Shea Olein - or shea oil - **softens the hair and is easy to use in this fluid formulation** (Butyrospermum Parkii (Shea) Butter Extract)

A **100% natural emollient** made of the liquid fraction of shea butter with a low melting point. It provides nourishing properties and can be easily added to fluid and cold processable formulations.

SEPICAP™ MP a thermo-activated active that **protects keratin and hair lipids while smoothing the cuticles and boosting hair roots** (Sodium Cocoyl Amino Acids - Potassium Dimethicone PEG-7 Panthenyl Phosphate) Biovector of amino acids and panthenol, **SEPICAP™ MP** is a powerful **nutritive cocktail** for hair that helps to fight the harmful effects of oxidative stress. It simultaneously protects the **integrity of the hair shaft and root as well as it smoothes scales.**

INULA HC renews the hair protective lipidic barrier and **improves combing, shine and hair color** (Caprylic / Capric Triglyceride (and) Inula Crithmoides Flower / Leaf Extract Oily extract from "the Golden Samphire", Inula HC stimulates the renewal of the **protective lipidic barrier of dry scalp and hair.** Its antioxidant properties prevent cell & hair fiber damages while its energizing effects keep the scalp active. Hair is **shiny and softer.**

ADDITIONAL INGREDIENTS: Glycerin (Natural Sourcing, LLC), Phenylpropanol (and) Propanediol (and) Caprylyl Glycol (and) Tocopherol sensiva® PA 40 (SCHULKE), Fragrance: Magic Berry SZUM000117 (Sozio)

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