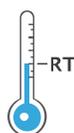


SMOOTH & GO ANTI-FRIZZ LEAVE IN CONDITIONER



- White liquid
- Packaging: Spray

- Leave-in detangling spray
- **SIMULQUAT™ HC 305 is perfectly adapted for sprayable applications thanks to its shear thinning rheological profile that provides good diffusion for optimum sprayability**
- **SIMULQUAT™ HC 305 stabilizes formulas which contain cationic actives (Palmitamidopropyltrimonium Chloride at 60% am) and helps with detangling**
- **ALARIANE AD protects the hair fiber from frizz and external aggressions**

- Cold process: saves time and energy !


EU07316 - 1410

Formula

A	Aqua/Water SIMULQUAT™ HC 305	QS 100% 2.5%
B	LANOL™ 99 Butylene glycol C11-13 Isoparaffin and Dimethiconol and Isohexadecane and Dimethicone	2% 4% 2%
C	Aqua/Water Palmitamidopropyltrimonium Chloride	20% 1%
D	ALARIANE AD Phenoxyethanol and Ethylhexylglycerin Parfum / Fragrance	1% 1% 0.3%

Procedure

TRIMIX : 6KG

Add SIMULQUAT™ HC 305 into water at RT. Stir at 2000 rpm until gel homogenization. Add LANOL™ 99 and butylene glycol to the phase A and then silicone. Prepare phase C: solubilize Varisoft PATC into water and add it to phases A+B. Introduce the phase D. Adjust pH to 5.5 if necessary.

Characteristics

Appearance	White liquid
pH	5.6
Viscosity 1M at RT	3600 mPa.s S2S6
Viscosity 1M at 45° C	2800 mPa.s S2S6
Viscosity recovery at RT (after 1M at 45° C)	3400 mPa.s S2S6
Stability*	M1 stable at RT, 45° C

Raw materials from SEPPIC

SIMULQUAT™ HC 305

Acrylamidopropyltrimonium Chloride / Acrylates Copolymer and Isohexadecane and Coceth-7

A pre-neutralized, cold processable, inverse emulsion, cationic liquid polymer with excellent stabilizing and thickening properties. It brings a silicone-like feel to formulations and creates sprayable to thick textures ideal for hair conditioners and treatments.

LANOL™ 99

Isononyl Isononanoate

Emollient agent.

ALARIANE AD

Aqua/Butylene Glycol/Algae Extract

Water soluble active from brown alga Alaria esculenta to protect and improve hair appearance.

Other raw materials...

- C11-13 Isoparaffin and Dimethiconol and Isohexadecane and Dimethicone: **Dow Corning CB 1502 Organic Blend (DOW CORNING)**
- Palmitamidopropyltrimonium Chloride: **Varisoft PATC (EVONIK)**
- Phenoxyethanol and Ethylhexylglycerin: **EUXYL PE9010 (S&M)**
- Parfum: **Parfum concombres (APF)**