

SEQENS

PERSONAL CARE

ADVENS PROTECT 8 GREEN

CAS Number: 1117-86-8

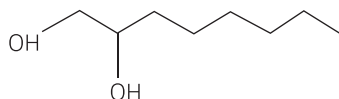
INCI name: CAPRYLYL GLYCOL

BIOBASED CAPRYLYL GLYCOL

MOISTURIZING AGENT &
MULTIFUNCTIONAL ADDITIVE



Our AdvensProtect 8 Green



Its effect in cosmetics

AdvensProtect 8 Green is a **multifunctional cosmetic ingredient** with **very good moisturizing properties** and improves the sensorial profile of formulations as it **regulates viscosity**. AdvensProtect 8 Green wetting ability **enhance the intracellular microbial penetration** of other preservatives. Thanks to this activity, AdvensProtect 8 Green will **work synergistically** with traditional preservative actives and other antimicrobial substances in personal care formulations and is often co-formulated with **AdvensProtect 6 Green** (natural 1,2-hexanediol).

Benefits of AdvensProtect 8 Green:

- **Moisturizing agent:** short lipophilic chain will attach to the lipid structures orientating the hydrophobic part of the molecule to the upper skin layers for better moisture retention.
- Improves the **sensorial profile, stability** and the microbial attack **resistance** of the formulation

Caprylyl glycol
(from 1-5%)
is also used in
the treatment of
head lice

Product file

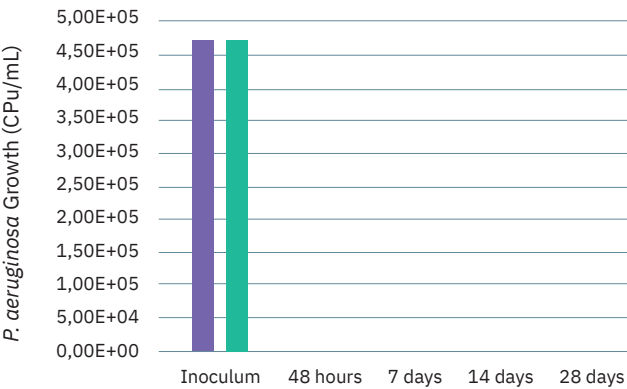
Specification			Green: Derived from biobased raw materials
CHEMICAL AND PHYSICAL PROPERTIES	UNIT	SPECIFICATION	
Caprylyl Glycol Concentration	%	Min. 99.00	
OH value	-	740-770	
Colour	Hazen	Max. 30	
Water content	%	Max. 0.30	
Odour		Characteristic	

Shelf-Life: An approximate shelf-life of **AdvensProtect 8 Green** is **2 years**, if the product is stored in the original container, kept tightly closed in a well-ventilated location. As storage and local ambient conditions vary and SEQENS has no control over the practices, procedures and conditions at your or other locations, the shelf-life estimate provided here should be used as guidance only. It is not provided as a guarantee of any shelf-life.

Antimicrobial activity: challenge test comparative growth vs its synthetic counterpart, AdvensProtect 8

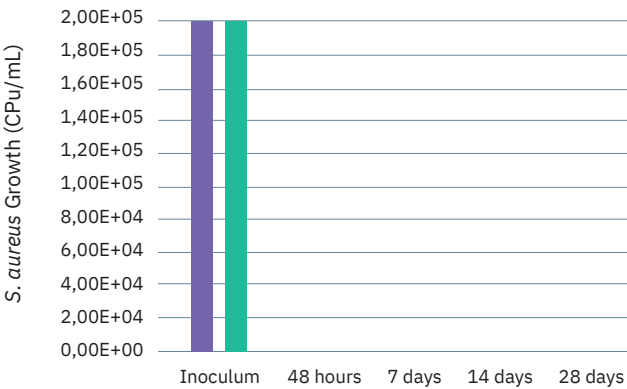
Comparative growth of *P. aeruginosa* between

- 0.4% AdvensProtect 8 (synthetic) and
- 0.4% AdvensProtect 8 Green (natural)



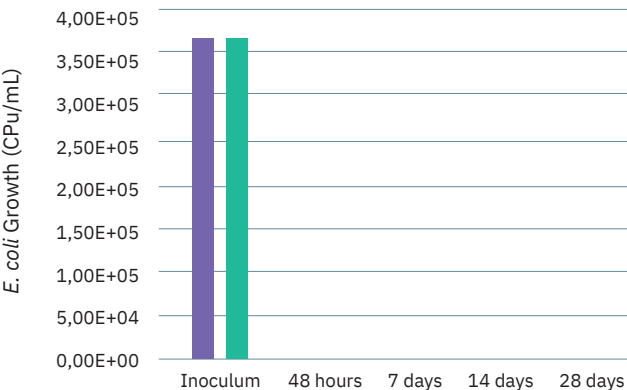
Comparative growth of *S. aureus* between

- 0.4% AdvensProtect 8 (synthetic) and
- 0.4% AdvensProtect 8 Green (natural)



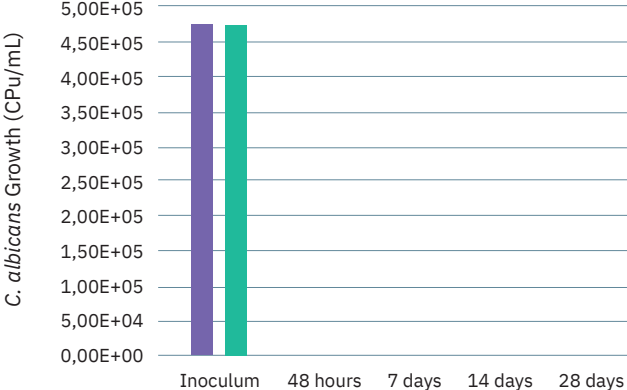
Comparative growth of *E. coli* between

- 0.4% AdvensProtect 8 (synthetic) and
- 0.4% AdvensProtect 8 Green (natural)



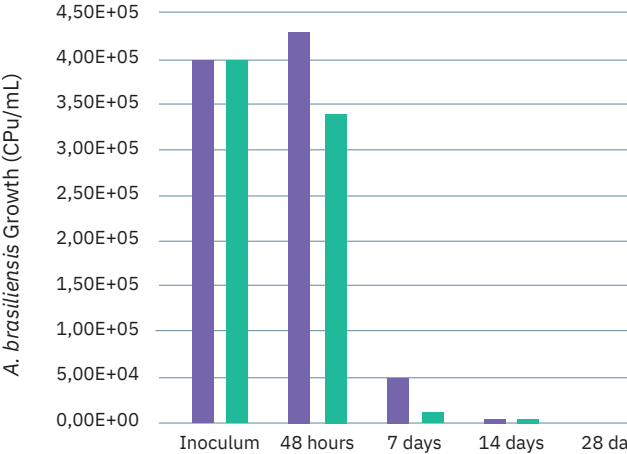
Comparative growth of *C. albicans* between

- 0.4% AdvensProtect 8 (synthetic) and
- 0.4% AdvensProtect 8 Green (natural)



Comparative growth of *A. brasiliensis* between

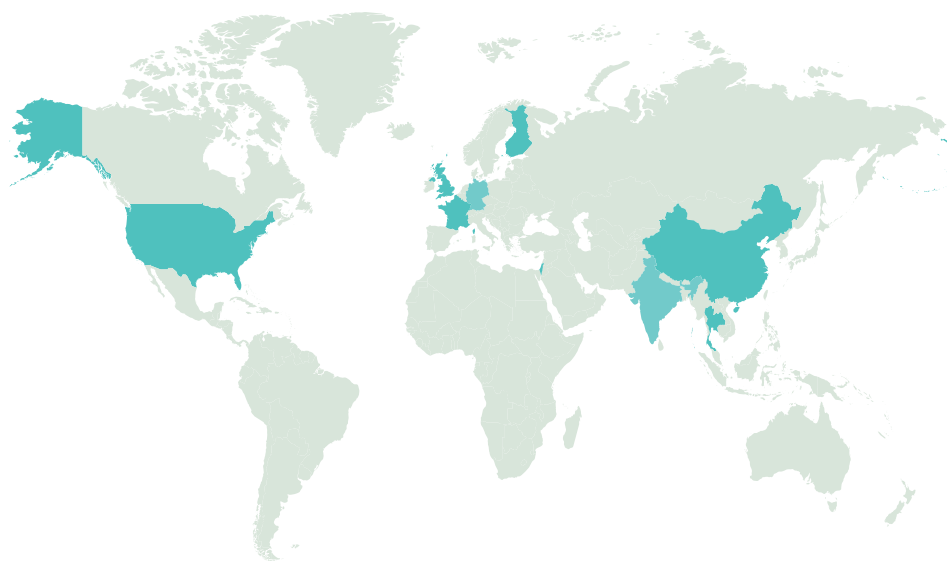
- 0.4% AdvensProtect 8 (synthetic) and
- 0.4% AdvensProtect 8 Green (natural)



0.4% AdvensProtect 8 (synthetic)

0.4% AdvensProtect 8 Green (natural)

Seqens, an integrated global leader in pharmaceutical synthesis and specialty ingredients



3,300
people



300
scientists, experts
and engineers



16
Production sites



9
R&D centers

ABOUT SEQENS

SEQENS is an integrated global leader in pharmaceutical synthesis and specialty ingredients, delivering outstanding performance, unrivaled market responsiveness and bespoke solutions to our customers.

ABOUT SEQENS PERSONAL CARE

Seqens Personal Care manufacture a wide range of active ingredients and functionals for the personal care market.

Our strong pharmaceutical heritage & health expertise allows us to provide:

- Strong expertise in synthesis from simple to complex molecules
- Strict respect of quality, global compliance, and environmental regulations
- Versatile R&D and large production capacities for new development and scale up activities
- FLAGSHIP technologies (flow chemistry, multi-catalysis, fractionated distillation)

A company committed to a CSR approach for over 15 years (Gold & Platinum Ecovadis certifications)



SEQENS

OUR SCIENCE FOR YOUR FUTURE

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