

SEQENS

PERSONAL CARE

ADVENS^{PROTECT} 6

CAS Number: 6920-22-5

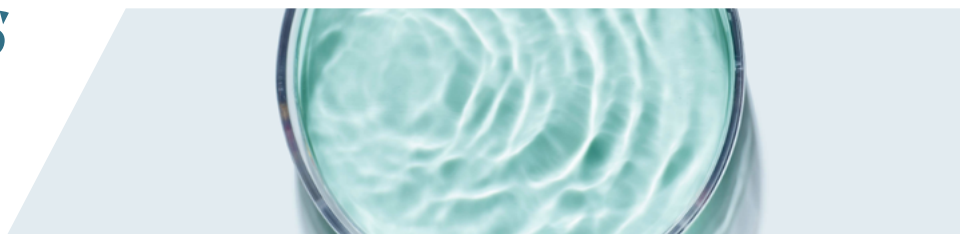
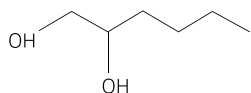
INCI declaration: 1,2-Hexanediol

MOISTURIZING AGENT & MULTIFUNCTIONAL ADDITIVE



Made in Britain

Our AdvensProtect 6



Its effect in cosmetics

AdvensProtect 6 is a **multifunctional cosmetic ingredient** with **very good moisturizing** properties and as a **good solubilizer for lipophilic ingredients**. It will **work synergistically** with traditional preservative actives and other antimicrobial substances in personal care formulations and is often co-formulated with **AdvensProtect 8** (caprylyl glycol) or **phenoxyethanol** and is used to replace parabens.

Benefits of AdvensProtect 6:

- **Moisturizing agent:** short lipophilic chain attaches to the lipid structures orientating the hydrophobic part of the molecule to the upper skin layers for better moisture retention. It is particularly known as a **non-irritant** in especially very sensitive applications areas like facial masks, intimate hygiene products...
- Reduces the surface energy and therefore the contact angle of water on the hydrophobic surfaces of the skin, giving **better moisture distribution**.

Product file

Specification			Highly pure (controlled reaction chemistry): impurities are minimized through our sophisticated distillation capability
CHEMICAL AND PHYSICAL PROPERTIES	UNIT	SPECIFICATION	
Hexanediol Concentration	%	Min. 99.00	
Appearance	-	Clear colourless liquid	
Colour	Hazen	Max. 30	
Water Content	%	Max. 0.30	
Odour	-	Characteristic	
Hydroxyl Value	mg KOH/g	925-955	
Specific Gravity (20°C/20°C)	-	0.946-0.956	
Refractive Index @ 20°C	-	1.437-1.447	

Shelf-Life: An approximate shelf life of AdvensProtect 6 is **3 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.

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OUR SCIENCE FOR YOUR FUTURE

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