



# CosVivet HA

**Brenntag's grades of  
cosmetic sodium hyaluronate**

Personal Care EMEA



# Discover CosVivet HA

## CosVivet HA is Brenntag's line of natural skin bio actives produced by bio fermentation.

Sodium Hyaluronate is the ideal natural moisturising agent for all cosmetic applications. In **skin care applications**, it moisturises dry, ageing skin, thereby reducing wrinkles. It has also been found to soothe irritated skin. CosVivet HA can be used in creams, lotions, facial masks, essences, mousse, facial cleansers and many other products.

In **hair care applications**, the moisture-binding property of sodium hyaluronate is beneficial to all hair types and textures. It moisturises and rejuvenates the scalp and smooths hair, making it appear less frizzy. It is perfect for use in hair washes, hair masks and other hair care applications.

### Hyaluronic Acid vs Sodium Hyaluronate

Hyaluronic acid is a large molecule naturally produced in the body. It can coat the skin and prevent water loss. Sodium hyaluronate is the salt of hyaluronic acid. It is more commonly used in cosmetic applications, as it has a lower molecular weight than hyaluronic acid and is small enough to penetrate the epidermis. Furthermore, it is less prone to oxidation than hyaluronic acid. It also has a great water-binding capacity which makes it ideal for use in a wide range of cosmetic applications.

#### Skin benefits

- Moisturises dry skin
- Reduces wrinkling
- Soothes irritated skin (after sun)

#### Hair benefits

- For all hair types and textures
- Moisturises the scalp
- Smooths hair strands (anti-frizz)

#### Advantages

- Cosmos conform
- High purity
- liquid forms available (easily soluble in water)



# CosVivet HA qualities

## Why different qualities?

Our sodium hyaluronate qualities vary in molecular weight. The higher the molecular weight, the better the film-forming properties, the lower the molecular weight, the better the skin penetration properties.

In general, products with higher molecular weight are perfect for anti-wrinkle and sunscreen cosmetics. Facial cleansers or facial masks mainly utilize the permeability of the sodium hyaluronate, so the molecular weight selected should be low. In hair applications, the lower molecular weight quality is preferred due to the better penetration into the deeper layers of the scalp. Additionally, it can smoothen the hair.



Trade name	INCI name	Molecular weight [MDa]	Description
<b>Powders</b>			
CosVivet HA FILM	Sodium Hyaluronate	1.5 - 2.0	Super high molecular weight sodium hyaluronate acts on the skin surface to form a protective film, prevents water evaporation from the deeper layers of the skin, strengthens the hydrolipid barrier.
CosVivet HA ORD	Sodium Hyaluronate	0.75 - 1.5	Medium molecular weight sodium hyaluronate forms a light film on the skin surface, strengthens the hydro-lipid barrier, provides long-lasting hydration of the outer layer of the epidermis.
CosVivet HA LMW	Sodium Hyaluronate	0.1 - 0.5	Low-molecular sodium hyaluronate, easily absorbed by the skin; binds and retains water molecules inside the epidermis, so that it perfectly moisturises, firms and slows the aging process.
CosVivet HA LOW	Sodium Hyaluronate	< 0.1	Super low molecular weight sodium hyaluronate, penetrates into the deep layers of the skin, binds large amounts of water, provides excellent hydration of the intercellular substance of the connective tissue.
CosVivet HA OLIGO	Sodium Hyaluronate	< 0.01	Ultra-low molecular weight sodium hyaluronate contains short chains of oligosaccharides, moisturises the deep layers of the skin thanks to ability of transdermal absorption, supports collagen expression, firms and provides anti-wrinkle effect.
<b>Liquids*</b>			
CosVivet HA-S NET 1%	Aqua, Sodium Hyaluronate, Phenoxyethanol, Ethylhexylglycerin	> 1.0	1% aqueous solution of high molecular weight sodium hyaluronate; easily soluble in the water phase, does not require a long mixing process.
CosVivet HA-S MIX 1%	Aqua, Sodium Hyaluronate, Phenoxyethanol, Ethylhexylglycerin	0.5% > 1.0 0.5% < 0.1	1% aqueous solution of a mixture containing high and low molecular weight sodium hyaluronate; easily soluble in the water phase, does not require a long mixing process.
CosVivet HA-S 3D 1.5%	Aqua, Sodium Hyaluronate, Phenoxyethanol, Ethylhexylglycerin	0.5% > 1.0 0.5% < 0.1 0.5% < 0.01	Hydro-hyaluronic gel contains a mixture of 3 types of molecules with various sizes: high-, low- and oligo-type ultra-low molecular weight sodium hyaluronate; acts on 3 different levels: 1-forms a light, protective film on the skin surface, so that strengthens its hydrolipid barrier 2- prevents water evaporation, gives an immediate feeling of hydration and smoothness. 3- penetrates into the deep layers of the skin, binds water and provides long-lasting hydration; easily soluble in the water phase, does not require a long mixing process.

\* Please note that Brenntag offers tailor made solutions with different compositions and preservation systems. Contact us for more information.

**CosVivet**

CosVivet is a registered trademark of Brenntag GmbH.



## Applications

- **Skin care:** Creams, lotions, gels, face masks, fluids, etc.
- **Body cleansers:** Shower gels, cleansers, tonic, etc.
- **Hair care:** Shampoo, conditioners, hair restorers, etc.
- **Colour cosmetics:** Foundation, lipsticks, eye shadows, etc.
- **Oral care\*:** Mouthwash, toothpaste

\* Please note that this application requires the food quality.  
Contact us for more information.

## Recommended use level\*

Conventional cosmetics:	0.05 - 0.5%
Anti-aging products:	0.10 - 1.0%
Hair care:	0.03 - 0.1%
Face treatment, masks:	0.03 - 0.1%

\*based on solid sodium hyaluronate

# CosVivet



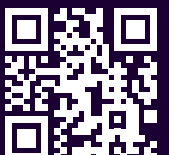
## Contact

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