



TOS SKIN

Product Profile

Scalp Treatment Spray

Experience the ultimate scalp care with our Scalp Treatment Spray, powered by proprietary graphene water technology and a blend of potent active ingredients. This advanced formula targets scalp inflammation, supports a balanced microbiota, and strengthens the scalp's natural barrier for optimal scalp health. Perfect for calming irritation and redness while providing deep hydration, it promotes a healthy scalp environment to support stronger, healthier hair growth.

KEY BENEFITS:

- **Pre & Post-Colour/Chemical Treatment Protection:** Shields the scalp from irritation and inflammation caused by harsh chemical treatments, while promoting faster recovery and maintaining moisture levels after the treatment.
- **Heptapeptide:** helps to boost defence system of the skin and scalp by favoring the presence of beneficial bacteria and by improving the skin immune response and the scalp barrier integrity.
- **Plant-Derived hydrator:** tested to calm stressed skin and provides instant hydration, repairing moisture level after 3 days, especially essential for recovering from chemical treatments.
- **Graphene water :** Provides antioxidant and anti-inflammatory protection while boosting efficacy of active ingredients by up to 20%.
- **Natural Anti-Inflammatory Neuropeptide:** Prevents and reverses signs of neurogenic inflammation in the skin. It has a direct impact on vasodilation and thus reduces redness, swelling after chemical treatments. It helps maintain a normal skin sensitivity threshold.
- **German Chamomile Extract:** A traditional remedy used for centuries as an anti-inflammatory, anti-spasmodic effect, antioxidant, antibacterial, supporting wound healing.



DIRECTIONS

1. **Apply to Scalp:** Part your hair and spray the treatment directly onto the scalp.
2. **Massage:** Gently massage into the scalp with your fingertips for better absorption.
3. **Regular Use:** Apply 1-2 times daily or as needed for relief from scalp irritation and inflammation.

Caution: For external use only. Avoid contact with eyes. Discontinue use if irritation occurs.

INGREDIENTS

Water, *Polysorbate 20, Saccharide Isomerate, **Propanediol, Butylene Glycol, Chamomilla Recutita (Matricaria) Flower Extract, Graphene, Dextran, Palmitoyl Tripeptide-8, Acetyl Heptapeptide-4, Caprylyl Glycol, Sodium Chloride, Pelargonium Graveolens Flower Oil, Citric Acid, Sodium Citrate, *Pentylene Glycol, Cocos Nucifera (Coconut) Fruit Extract, Pinus Sylvestris Leaf Extract.

*derived from sugarcane ** derived from corn

100 ml





This Heptapeptide originally developed for skin applications, with scientifically benefits for both the scalp and skin has demonstrated transformational effects by reinforcing the double cutaneous barrier (physical and microbiota barriers), promoting microbiota balance, and enhancing overall barrier function. These mechanisms contribute to achieving a healthier and younger appearance.

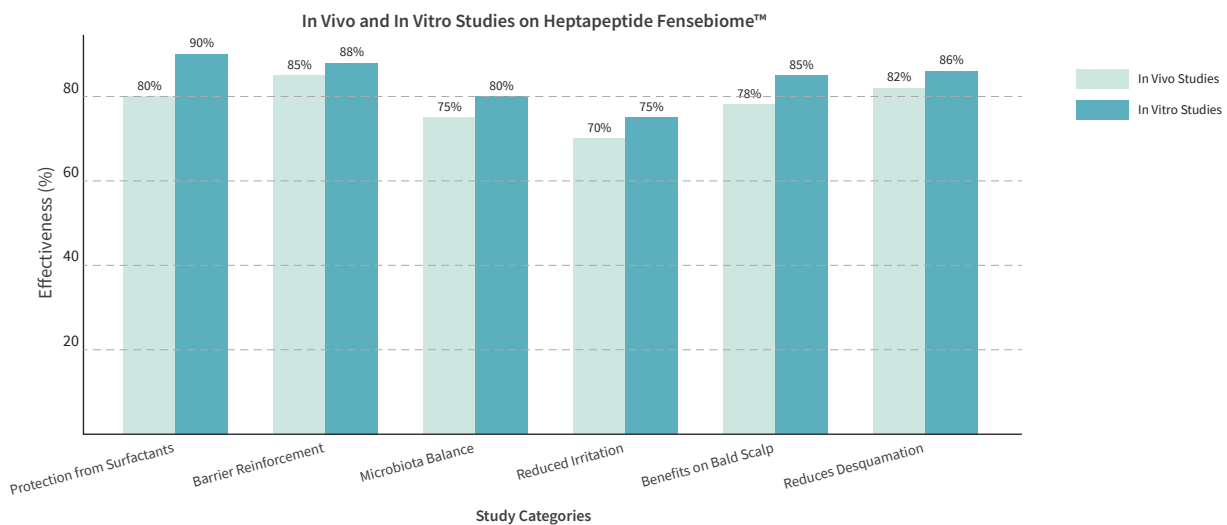
APPLICATIONS

- **Skincare:** Strengthens the double cutaneous barrier, even in harsh conditions, using prebiotic and probiotic-inspired actions.
- **Scalp Formulations:**
 - Reduces sensitivity.
 - Prevents dehydration caused by surfactants or environmental stressors.
 - Rejuvenates the scalp, including benefits for bald or sensitive scalp.

KEY BENEFITS (In Vivo and In Vitro Studies)

The effectiveness of this heptapeptide has been validated in in vivo and in vitro studies, demonstrating significant benefits across several categories:

VISUAL REPRESENTATION



The bar chart above highlights these benefits, showcasing how this Heptapeptide performs under real-world conditions (in vivo) and in controlled experimental settings (in vitro).

Category	In Vivo Effectiveness	In Vitro Effectiveness
Protection from Surfactants	80%	90%
Barrier Reinforcement	85%	88%
Microbiota Balance	75%	80%
Reduced Irritation	70%	75%
Benefits on Bald Scalp	78%	85%
Reduces Desquamation	82%	86%

This peptide offers a powerful, science-backed solution for incorporation into both skincare and scalp-care products, addressing a wide range of consumer needs for healthier skin and scalp.