

MRK | TRADING

COSMETIC RESEARCH PEPTIDES

Directions for Use

MRK Trading Cosmetic Research Peptides are supplied as 10 mg high-purity cosmetic peptide powders intended for incorporation into topical cosmetic formulations. These products are cosmetic raw ingredients only and are not finished cosmetic products.

Not for injection. Not for oral use.

What You Will Need

- 1 × MRK Trading 10 mg peptide vial
- Sterile distilled water
- New sterile syringes and needles
- Alcohol swab
- Sanitised cosmetic mixing equipment
- Your cosmetic serum, cream, gel or lotion base

Step 1 – Prepare Your Work Area

Work on a clean, sanitised surface and ensure all equipment is clean before handling the peptide.

Step 2 – Remove the Flip-Off Cap

Remove the coloured flip-off cap. Leave the grey rubber stopper in place. Clean the stopper with an alcohol swab and allow it to dry.

Step 3 – Prepare Your Stock Solution

Each vial contains 10 mg peptide.

Option 1 (Recommended): Add 1 mL sterile distilled water to prepare a 1.0% (10 mg/mL) stock solution.

Option 2: Dissolve with 1 mL sterile distilled water, then transfer to a larger sanitised container and dilute to a final volume of 10 mL to prepare a 0.1% (1 mg/mL) stock solution.

Step 4 – Reconstitute the Peptide

Using a new sterile syringe and needle, slowly inject the sterile distilled water through the centre of the rubber stopper, directing the water down the inside wall of the vial. Allow to stand for 2–5 minutes, then gently swirl until completely dissolved. Do not shake vigorously.

Step 5 – Withdraw the Required Amount

Once the peptide has completely dissolved, use a new sterile syringe and needle to withdraw the required amount of peptide solution. Insert the needle through the centre of the rubber stopper, invert the vial while keeping the needle tip below the liquid surface, slowly withdraw the required volume, then immediately add the solution to your cosmetic formulation.

Step 6 – Incorporate into Your Cosmetic Formulation Immediately

For optimum quality, prepare the peptide stock solution only when you are ready to formulate. After reconstitution, immediately incorporate the peptide into your cosmetic formulation. Do not prepare a peptide stock solution and store it in sterile distilled water for future use.

Step 7 – Add During the Cool-Down Phase

Add the peptide solution during the cool-down phase (preferably below 40°C unless otherwise specified in the peptide-specific TDS). Mix gently until uniform. Do not apply the stock solution directly to the skin.

Storage

Before Reconstitution

- Store according to the product label (typically –20°C where specified).
- Protect from heat, moisture and direct sunlight.
- Keep the vial tightly closed until ready for use.

After Reconstitution

The reconstituted peptide is intended for immediate incorporation into a finished cosmetic formulation and is not intended for storage in sterile distilled water.

Important Information

- Cosmetic raw ingredient.
- For topical cosmetic formulation only.
- Not a finished cosmetic product.
- Not for injection.
- Not for oral use.
- Always refer to the peptide-specific Technical Data Sheet (TDS).