

Innovative eye drop formulation with Omega-3

REMOGEN®
omega

Microemulsion of polyunsaturated fatty acids and hydrating polymers

REMOGEN® OMEGA:

- For ocular surface damages including blepharitis, dry eye and eye surgery.
- Can be used in all cases of ocular irritation.
- Combines lipid and aqueous components.
- Protects the corneal and conjunctival epithelia.^{1,2}

☾ **NOURISHES** the ocular surface with vital nutrients: ³

- **OMEGA-3** fatty acids⁴ reconstitute the lipid layer of the tear film.
- **VITAMIN E** limits lipid oxidation⁵ and prevents free radical damages after eye surgery.⁶

☾ **REBALANCES** the homeostasis of the tear film. **OMEGA-3** fatty acids help to restore the impaired lipid layer by preventing tear evaporation.⁷

☾ **REDUCES THE HYPEROSMOLARITY** of the tear film with a **HYPOTONIC FORMULATION**.⁸

☾ **HYDRATES** the eye with hydrophilic agents that form a protective, lubricant and water retaining layer onto the ocular surface.^{9,10}

REFERENCES:

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Microemulsion of polyunsaturated fatty acids and hydrating polymers

REMOGEN[®] omega

20 single-dose containers of 0.25 ml

COMPOSITION

Omega-3 polyunsaturated fatty acids (EPA and DHA), vitamin E (tocopheryl acetate), carbopol 980, glycerol, pemulen, sodium hydroxide, disodium phosphate, distilled water in a hypotonic hydrogel at physiological pH.

PRESENTATION

REMOGEN[®] OMEGA is presented as 20 single-dose containers each containing 0.25 ml sterile ophthalmic microemulsion, divided into 4 strips of 5 units. Each strip is inserted into an aluminium pouch.

CHARACTERISTICS AND MODE OF ACTION

REMOGEN[®] OMEGA is a spontaneous hypotonic microemulsion made up of a micrometric dispersion of lipid molecules (fatty acids and vitamin E, which are physiological constituents of tears) in an aqueous medium that contains hydrating and emollient substances such as carbopol, pemulen and glycerol.

REMOGEN[®] OMEGA acts on the three layers of the tear film. In particular, the lipidic component of the microemulsion integrates with, and mimics the thin lipid layer of the natural tear film, reconstituting it physiologically and counteracting any hyper-evaporation from the aqueous layer; the aqueous component of REMOGEN[®] OMEGA forms a hydrophilic film which adheres to the ocular surface, retains water and stabilises the tear film, thus protecting the corneal and conjunctival epithelia.

REMOGEN[®] OMEGA, a hypotonic hydrogel, also compensates for the hyperosmolarity of the tear film which is frequently associated with a non-physiological condition of the ocular surface. REMOGEN[®] OMEGA is a spontaneous microemulsion that contains neither surfactants nor preservatives, substances which could be toxic to the ocular surface.

INDICATIONS

REMOGEN[®] OMEGA soothes, refreshes, lubricates, nourishes, hydrates and protects the ocular surface in all cases of qualitative and quantitative alterations and instability of the tear film that cause sensations of dryness, burning and discomfort of the eyes. In particular, it can be used in cases

of blepharitis, computer screen use, diseases of the immune system and the use of drugs that decrease tear secretion, environmental conditions of low humidity and the constant flow of air-conditioned air, during contact lens wear, after cataract surgery, reconstruction surgery of the ocular surface, corneal transplantation and refractive surgery.

Due to its protective action on the corneal and conjunctival epithelia, REMOGEN[®] OMEGA can be used in all cases of ocular irritation.

DOSAGE AND ADMINISTRATION

Keep the single-dose container in a vertical position above the eye and gently pull down the lower lid. Instill 1 or 2 drops into the eye as needed or as prescribed by the ophthalmologist, by lightly squeezing the single-dose container. It is advisable to keep the single-dose container vertical while instilling.

STORAGE AND SHELF-LIFE

- Do not use the product after the expiry date printed on the box. This period refers to the product kept in the refrigerator (2°C - 8°C).
- Outside the refrigerator, the product has a shelf-life of 3 months if stored at a temperature below 25°C and in its original packaging.
- Keep the product away from light, storing the single-dose containers in the aluminium pouch.
- REMOGEN[®] OMEGA does not contain preservatives. Therefore after opening and using the product, the container and any residual product in it must be discarded.

PRECAUTIONS

- Keep out of reach and sight of children.
- Do not use in case of specific hypersensitivity to one of the components of the product.
- Do not swallow the solution.
- Do not instill into the eye at the same time as other ophthalmic products because it could alter their effect. Wait for at least 15 minutes between instillation of two different products into the eye.

