CLAIMS

1. A solid powder which comprises a mixture of:

a) a carboxy vinyl polymer which forms a gel;

b) a buffer; and

c) a saccharide.

2. The powder of claim 1 further comprising one or more drugs useful for the treatment of diseases of the eyes.

3. A gel which comprises a mixture of:

a) a carboxy vinyl polymer which forms a gel;

b) a buffer;

c) a saccharide; and

d) one or more drugs useful for the treatment of diseases of the eyes.

4. The powder or the gel of claims 1-3 in which the carboxy vinyl polymer is carbopol

5. The powder or the gel of claims 1-3, in which the buffer is an hydroxyacid or a dicarboxylic acid selected from the group comprising phosphate, boric acetate, citrate, lactate, tartrate, maleate, succinate or fumarate buffer.

6. The powder or the gel of claims 1-3 in which the saccharide is selected from the group comprising glucose, fructose, mannitol, sorbytol, lactose, trealose or maltose.

7. Method of preparation of the powder of claims 1-2, which comprises the following steps:

a) preparation of the gel dissolving in water the gelling agent, a buffer, a saccharide, and optionally one or more drugs useful for treating diseases of the eye;

b) the gel so obtained is divided in single doses and put into vials;

c) to obtain a powder the vials of step b) are lyophilized; alternatively the gel of point a) is directly subjected to Spray-drying procedure.

8. Physiological supplement or medicament for ophthalmic use, which comprises the powder or the gel of claims 1-3, and optionally one or more excipients, diluents, or regulators of the osmotic pressure ophtalmologically acceptable.

9. Physiological supplement or medicament of claim 8, in the form of powder, in which the drug delivered is not stable in water or in solution.

10. Physiological supplement or medicament of claim 8, comprising as active ingredient cysteamine.

11. Physiological supplement or medicament of claim 8, comprising the following active ingredients:

- L-carnitine	1%;
- Taurine	0.5%;
- sodium hyaluronate	0.2%;
- vitamin E	0,2%;
- manganese	0,051mg/L;
- zinc	1,02mg/L;

- sodium 30mg/L;
- potassium 9 mg/L;

12. Physiological supplement or medicament of claim 8, comprising the following active ingredients:

- L-carnitine 10%
- taurine 2%
- sodium jaluronate 0,2%
- vitamin E 0,2%
- zinc 1,02 mg/L
- manganese 0,051 mg/L
- sodium 30 mg/L
- potassium 9 mg/L.

13. Physiological supplement or medicament of claim 8, comprising the following active ingredients:

- L-carnitine 5 %
- 3-Hydroxykynurenine O-β-DL-glucoside 0.1 mg/mL
- Taurine 2 %
- Resveratrol 0.3 mg/mL
- Sodium jaluronate 0.2 %
- Vitamin E 0.2 %
- zinc 1.02 mg/L
- manganese 0.051 mg/L
- sodium 30 mg/L
- potassium 9 mg/L.

14. Physiological supplement or medicament of claim 8, comprising the following active ingredients:

- Acetyl L-carnitine 20 %
- 3-Hydroxykynurenine O-β-DL-glucoside 0.1 mg/mL;
- Vitamin E 1 %
- Vitamin A 25000 UI.

15. Use of the physiological supplement or medicament of claim 10, for preparing a medicament for the treatment of cystinosis.

16. Use of the physiological supplement or medicament of claim 11, for preparing a medicament for the treatment of dry eye syndrome.

17. Use of the physiological supplement or medicament of claim 12, for preparing a medicament for the treatment of corneal oedema.

18. Use of the physiological supplement or medicament of claims 13-14, for preparing a medicament for the treatment of eye diseases due to ultraviolet radiation.

19. Use of the physiological supplement or medicament of claims 15-18, further comprising one or more of the following active ingredients: antioxidants, vitamins, Borage oil; epithelialising and anti-angiogenic agents; citicholine, humidifying agents; inorganic elements; regulator of the cellular osmolarity; antibiotics; antiviral and antifungal agents; L-carnitine; and/or one or more alkanoyl L-carnitines selected from the group consisting of acetyl, propionyl, valeryl, isovaleryl, butyryl and

isobutyryl L-carnitine, or a pharmaceutically acceptable salt thereof.

20. Kit comprising the powder of claims 1 or 2 in admixture with one or more active ingredients and water or a liquid solution.

21. Kit of claim 20 in which the two components, powder and liquid, are pakaged in the same vials or in two different vials.

22. kit comprising:

a) the powder of claim 1, without a drug for ophthalmic use;

b) one or more drug in the form of liquid, solid, cream, gel or powder;

c) water or a liquid solution.

23. Kit of claim 22 in which the three components, (powder/drug/liquid) are packaged in a separate form in the same vials or in different vials.

CLAIMS

1. A solid powder which comprises a mixture of:

a) a carboxy vinyl polymer which forms a gel;

b) a buffer;

c) a saccharide; and

d) cysteamine.

2. A gel which comprises a mixture of:

a) a carboxy vinyl polymer which forms a gel;

b) a buffer;

c) a saccharide; and

d) cysteamine.

3. The powder or the gel of claims 1 or 2, in which the carboxy vinyl polymer is carbopol .

4. The powder or the gel of claims 1 or 2, in which the buffer is an hydroxyacid or a dicarboxylic acid selected from the group comprising phosphate, boric acetate, citrate, lactate, tartrate, maleate, succinate or fumarate buffer.

5. The powder or the gel of claims 1 or 2, in which the saccharide is selected from the group comprising glucose, fructose, mannitol, sorbytol, lactose, trehalose or maltose.

6. Method of preparation of the powder of claim 1, which comprises the following steps:

a) preparation of the gel dissolving in water the gelling agent, a buffer, a saccharide, and cysteamine;

b) the gel so obtained is divided in single doses and put into vials;

c) to obtain a powder the vials of step b) are lyophilized; alternatively the gel of point a) is directly subjected to Spray-drying procedure.

7. Physiological supplement for ophthalmic use, which comprises the powder or the gel of claims 1 or 2, and optionally one or more excipients, diluents, or regulators of the osmotic pressure ophthalmologically acceptable.

8. Physiological supplement of claim 7, comprising the following active ingredients:

- L-carnitine	1 wt%;
- Taurine	0.5 wt %;
- sodium hyaluronate	0.2 wt %;
- vitamin E	0.2 wt %;
- manganese	0. 051 mg/L;
- zinc	1.02 mg/L;
- sodium	30 mg/L;

- potassium 9 mg/L;

9. Physiological supplement of claim 7, comprising the following active ingredients:

- L-carnitine 10 wt %
- Taurine 2 wt %
- sodium hyaluronate 0.2 wt %
- vitamin E 0.2 wt %
- zinc 1.02 mg/L
- manganese 0.051 mg/L
- sodium 30 mg/L
- potassium 9 mg/L.

10. Physiological supplement of claim 7, comprising the following active ingredients:

- L-carnitine 5 wt %
- 3-Hydroxykynurenine O-β-DL-glucoside 0.1 mg/mL
- Taurine 2 wt %
- Resveratrol 0.3 mg/mL
- Sodium hyaluronate 0.2 wt %
- Vitamin E 0.2 wt %
- zinc 1.02 mg/L
- manganese 0.051 mg/L
- sodium 30 mg/L

- potassium 9 mg/L.

11. Physiological supplement or medicament of claim 7, comprising the following active ingredients:

- Acetyl L-carnitine 20 wt%
- 3-Hydroxykynurenine O-β-DL-glucoside 0.1 mg/mL;
- Vitamin E 1 wt%
- Vitamin A 25000 UI.

12. The physiological supplement of claim 7, further comprising one or more of the following active ingredients: antioxidants, vitamins, Borage oil; epithelialising and anti-angiogenic agents; citicholine, humidifying agents; inorganic elements; regulator of the cellular osmolarity; antibiotics; antiviral and antifungal agents; L-carnitine; and/or one or more alkanoyl L-carnitines selected from the group consisting of acetyl, propionyl, valeryl, isovaleryl, butyryl and isobutyryl L-carnitine, or a pharmaceutically acceptable salt thereof.

13. Kit comprising the powder of claim 1 in admixture with one or more active ingredients and water or a liquid solution.

14. kit of claim 13, in which the two components, powder and liquid, are packaged in the same vials or in two different vials.

15. Kit comprising:

a) the powder of claim 1, without a drug for ophthalmic use;

b) one or more drug in the form of liquid, solid, cream, gel or powder;

c) water or a liquid solution.

16. Kit of claim 15, in which the three components, (powder/drug/liquid) are packaged in a separate form in the same vials or in different vials.