CLAIMS

1. A sterilized aqueous composition, at a pH close to physiological pH, comprising at least one hyaluronic acid and at least mepivacaine, characterized in that the mass ratio between the concentration of hyaluronic acid [HA] and the concentration of mepivacaine [MEPI]: [HA]/[MEPI] is between 0.5 and 40; $0.5 \leq [HA]/[MEPI] \leq 40$ and in that it further comprises at least one antioxidant chosen from polyols.

2. The sterilized aqueous composition as claimed in claim 1, characterized in that the concentration of mepivacaine [MEPI] is between 0.01 mg/g and 50 mg/g of total weight of said composition.

3. The sterilized aqueous composition as claimed in any one of the preceding claims, characterized in that mepivacaine is chosen from the group comprising racemic mepivacaine hydrochloride, (R)-mepivacaine hydrochloride, (S)-mepivacaine hydrochloride, racemic mepivacaine, (R)-mepivacaine and (S)-mepivacaine or a pharmaceutically acceptable salt thereof.

4. The sterilized aqueous composition as claimed in any one of the preceding claims, characterized in that the concentration of hyaluronic acid [HA] is between 2 mg/g and 50 mg/g of total weight of said composition.

5. The sterilized aqueous composition as claimed in any one of the preceding claims, characterized in that it comprises at least one non-crosslinked hyaluronic acid or a salt thereof, alone or as a mixture.

6. The sterilized aqueous composition as claimed in any one of claims 1 to 4, characterized in that it comprises at least one crosslinked hyaluronic acid or a salt thereof, alone or as a mixture.

7. The sterilized aqueous composition as claimed in any one of the preceding claims, characterized in that polyols are chosen from the group constituted by glycerol, sorbitol, propylene glycol, xylitol, mannitol, erythritol, maltitol and lactitol, alone or as a mixture.

8. A manufacturing process of a sterilized aqueous composition as claimed in any one of the preceding claims, comprising at least the following steps:

- a step of hydration in a buffer solution at a pH close to physiological pH of fibers of at least one hyaluronic acid or a salt thereof, alone or as a mixture, to obtain a hydrogel,
- a step of incorporating mepivacaine as an aqueous solution in the hydrogel obtained in the preceding step,
- a homogenization step, and
- a sterilization step, characterized in that it further comprises at least one step of incorporating at least one antioxidant chosen from polyols.

9. The manufacturing process as claimed in claim 8, characterized in that it further comprises at least one crosslinking step.

10. A kit comprising a sterilized aqueous composition as claimed in any one of claims 1 to 7, packaged in syringes and sterilized after packaging.

11. The sterilized aqueous composition as claimed in any one of claims 1 to 7 for its use as a replacement or supplement for deficient synovial fluid.

12. Use of the sterilized aqueous composition as claimed in any one of claims 1 to 7, in the manufacturing of a preparation for filling wrinkles, for correcting skin defects or for volumizing (cheekbones, chin, lips).

13. Use of the sterilized aqueous composition as claimed in any one of claims 1 to 7, in the manufacturing of a preparation for injection into a joint as a replacement or supplement for deficient synovial fluid.

14. The sterilized aqueous composition as claimed in any one of claims 1 to 7, for use in filling wrinkles, for correcting skin defects or for volumizing (cheekbones, chin, lips).

15. The sterilized aqueous composition as claimed in any one of claims 1 to 7, for use for injecting into a joint as a replacement or supplement for deficient synovial fluid.