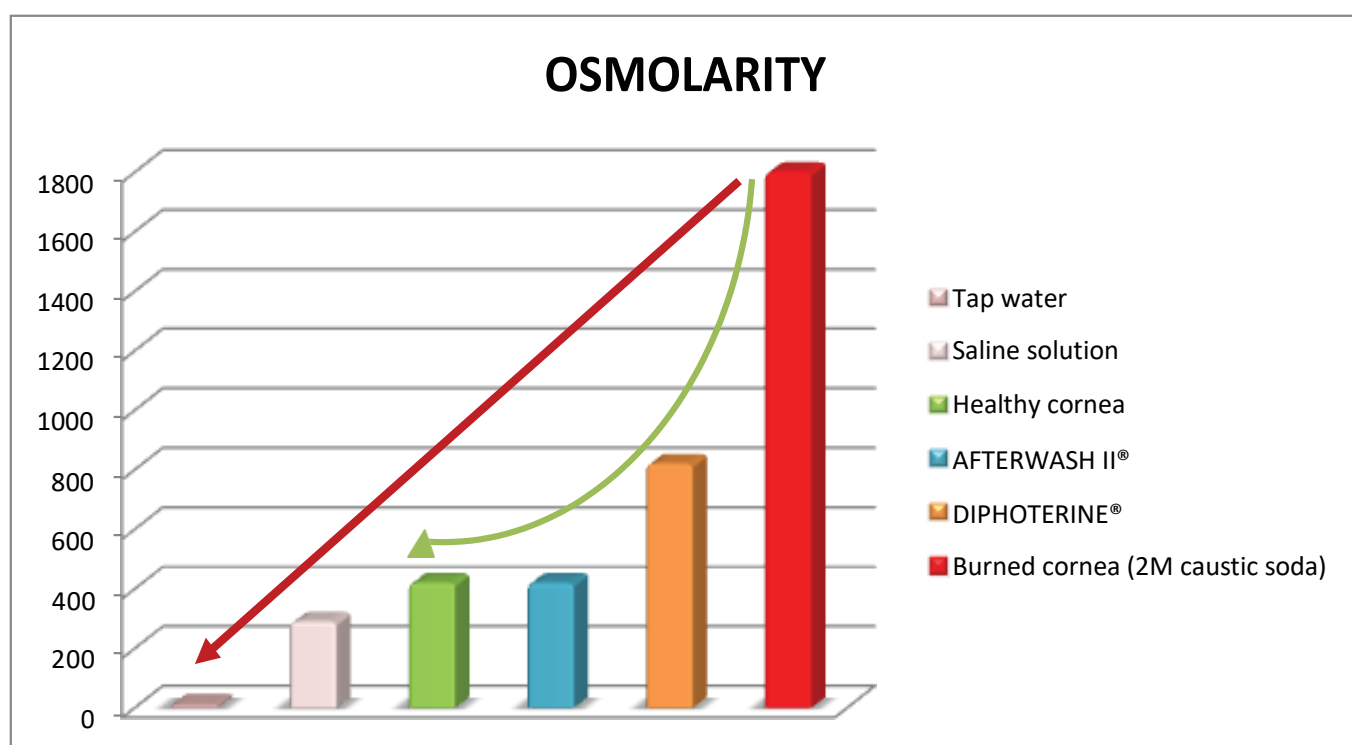




AFTERWASH II®

The osmolarity of a healthy cornea is 420 milliosmoles/l. The osmolarity of a cornea aggressed by a corrosive chemical can reach 800-2000 milliosmoles/l (on account of ionization of the chemical substance, but also due to the releasing of electrolytes at the time of cellular destruction of tissue). A hyperosmolar washing solution proves to be essential and quite beneficial when compared with water washing, as it minimizes osmotic shock.



Once the corrosive chemical substance is eliminated from the cornea by an effective first aid washing with PREVOR solutions, the residual osmotic pressure is generally approximately equal to 800 milliosmoles/l. To promote the smoothest possible return to a physiological state, it may be useful and comfortable to use secondarily, following Diphoterine® washing solutions, Afterwash II® solution which is isotonic to the cornea. Thus, osmotic forces on corneal epithelium are minimized. A high osmotic pressure differential can induce corneal lesions. Afterwash II® solution is therefore more appropriate to this situation than simple saline solution which is hypotonic (280 milliosmoles/l), or of course water, whose osmolarity is almost inexistent. Indeed, tap water creates a second osmolar trauma in reverse direction on already potentially damaged eye tissue.



1. DESCRIPTION

Afterwash II® solution: cornea-isotonic solution, recommended after emergency decontamination of chemical splashes with the Diphoterine® solutions.

2. CLAIMS

- ▶ To be used after eye wash with Diphoterine® solutions.
- ▶ Helps to restore the physiological state of the cornea more quickly and more smoothly than it would happen if nothing had been done or if Normal saline solution, isotonic to blood had been used.
- ▶ May be used for eye wash in case of non-chemical solid particles.

3. MAIN FEATURES

- ▶ Liquid form
- ▶ Cornea-isotonic comfort solution
- ▶ Shelf-life: 2 years

4. SAFETY/INNOCUITY

- ▶ EC 0459 marking
- ▶ Medical Device, MD class IIa
- ▶ Acute toxicity: non-irritant to eye, non toxic ($LD_{50} > 2000$ mg/Kg)
- ▶ Sterile solution (sterilized by autoclave)
- ▶ Made in France by PREVOR

5. INSTRUCTIONS FOR USE

Storage:

Afterwash II® solution freezes below 0°C and recovers its properties when it warms up again.

Recommended temperature for use:

Between 15 and 35 °C

Protocol:

To be used as secondary wash, after Diphoterine® solutions.
May be used to wash non chemical particles in the eye.
Wash for about 2 minutes for one eye (200 ml).



6. PACKAGING

- ▶ 200 ml Afterwash II® solution eyewash
- ▶ In compliance with EN 15154 part 3 and 4.