

Ophthalmic Viscosurgical Device



Supreme is a dispersive viscoelastic solution of low molecular weight, highly purified grade of hydroxypropyl methylcellulose (HPMC) 2%, clear, isotonic, sterile, non-inflammatory and non-pyrogenic in nature. It is used for intraocular injection during anterior segment surgery.

Physico-chemical properties

Type	Dispersive
Material	2% HPMC
Molecular weight	86 000 Da
Viscosity	3 000–4 000 cSt
pH	6.0–7.8
Osmolality	250–350 mos mol/Kg
Volume	2 ml

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Advantages

- Highly dispersive
- The best endothelial protection
- Easy removal
- Completely transparent
- No refrigeration necessary
- Easy transportation and storage (2–35 °C)

Dispersive Solution

Supreme is used to:

- coat ocular structures during cataract surgery: in the initial part, during casulorhexis and phacoemulsification, and during ultrasound;
- protect corneal endothelium in an eye where endothelium pathology is suspected.

