



miray
M E D I K A L

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OCUSALT® BALANCED SALT SOLUTION (BSS)



Ocusalt® Balanced Salt Solution (BSS) is a sterile irrigating solution for use during both intra-ocular and extra-ocular surgical procedures

Technical Data

OCUSALT®

pH	6.5 - 7.2
Osmolality	285 - 315 mOsm/kg
Volume	20 mL - 500 mL
Packing	12x500 mL glass bottles including hanging devices 20 mL plastic bottles including hanging devices

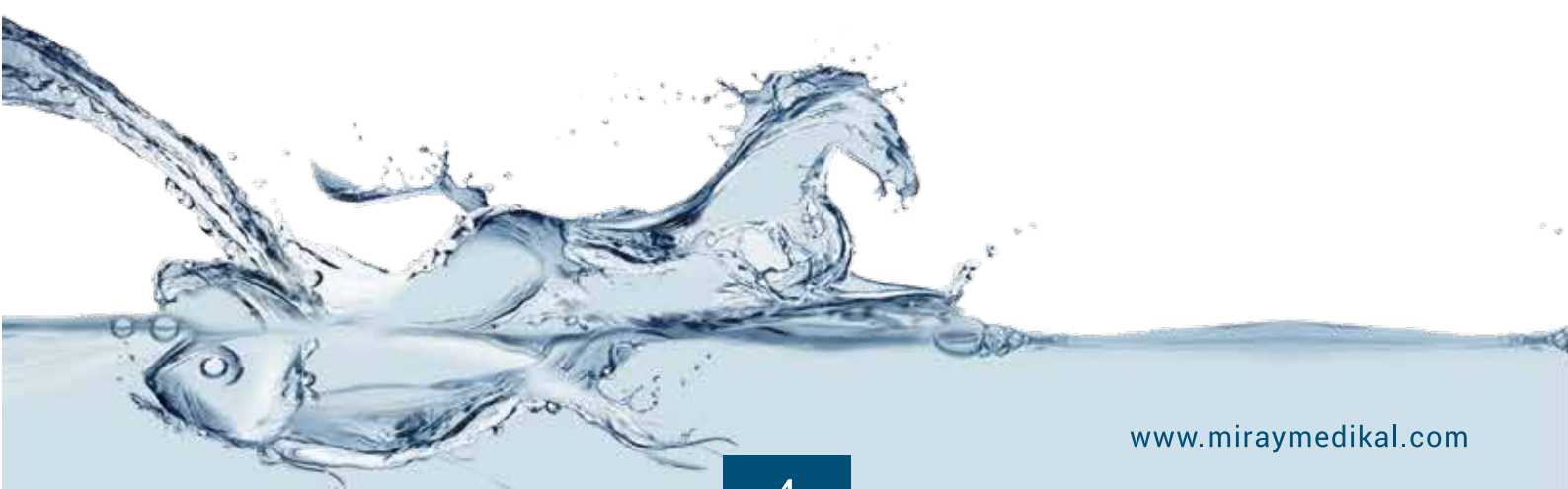
Composition (100 mL)

Calcium chloride 2H ₂ O	0.048 g
Potassium chloride	0.075 g
Sodium chloride	0.640 g
Magnesium chloride 6H ₂ O	0.030 g
Sodium acetate 3H ₂ O	0.390 g
Trisodium citrate 2H ₂ O	0.170 g
Water for injection	q.s



FEATURES

- Physiologic solution
- Isotonic to ocular tissues
- Preservative free
- Great for all ophthalmic surgical procedures
- Steam Sterilized
- 3 year shelf life



NANOTECH OPHTHALMIC VISCOELASTIC DEVICES



FEATURES

- Multiple concentrations to meet surgeons' demands
- No refrigeration required
- Easy injection
- Great protection of endothelial cells
- Excellent maintenance of the anterior segment
- Outstanding optical clarity
- Easy removal
- Steam sterilized
- Blister packing option for extra protection

Technical Data

NEOCROWN® 1.4%

Concentration	14 mg/ml (1.4%) of sodium hyaluronate
Origin	Biofermentation
Molecular Weight	3 – 4 million daltons
Viscosity	125.000 – 150.000 mPa.s
Osmolality	270-400 mOsm/kg
Classification	Cohesive
pH	6.0 – 8.0
Cannula	27G
Volume	1 ml

Composition (1ml)

Sodium hyaluronate	14.000 mg
Sodium chloride	8.500 mg
Disodium hydrogen phosphate	0.563 mg
Sodium dihydrogen phosphate	0.045 mg
Water for injection	q.s



Technical Data

MEGACROWN® 1.8%

Concentration	18 mg/ml (1.8%) of sodium hyaluronate
Origin	Biofermentation
Molecular Weight	3 – 3.6 million daltons
Viscosity	130.000 – 220.000 mPa.s
Osmolality	270-400 mOsm/kg
Classification	Cohesive
pH	6.0 – 8.0
Cannula	27G
Volume	1 ml

Composition (1ml)

Sodium hyaluronate	18.000 mg
Sodium chloride	8.500 mg
Disodium hydrogen phosphate	0.563 mg
Sodium dihydrogen phosphate	0.045 mg
Water for injection	q.s



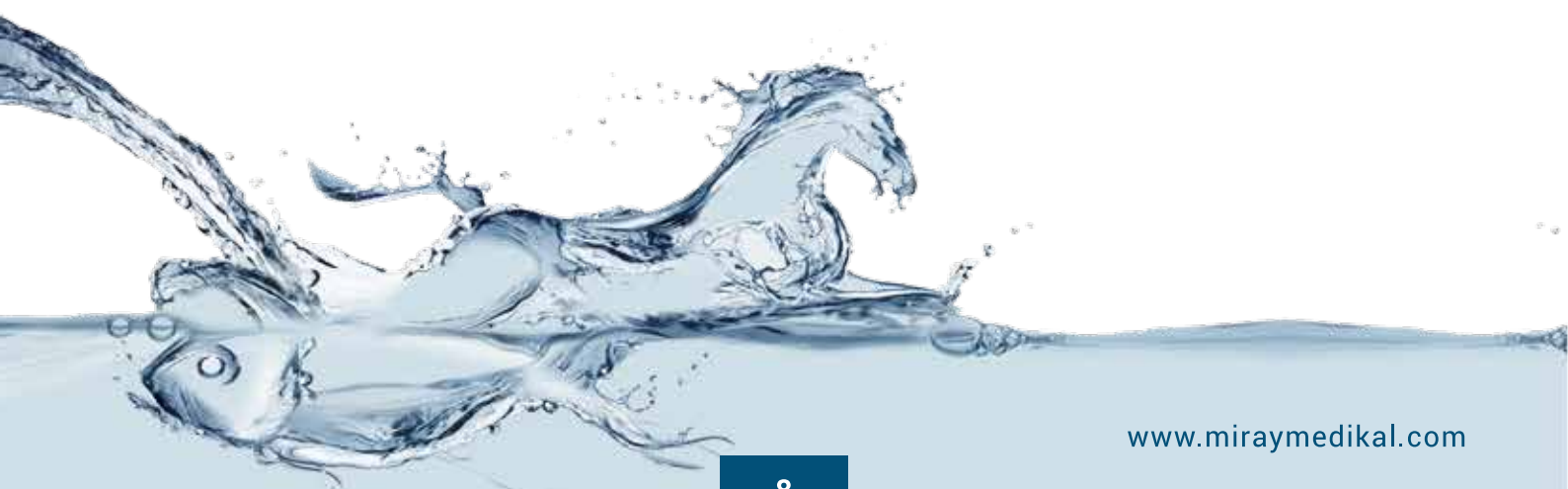
Technical Data

OCULOCROWN® 2.0%

Concentration	20 mg/ml (2.0%) of sodium hyaluronate
Origin	Biofermentation
Molecular Weight	1.1 – 2.0 million daltons
Viscosity	90.000 – 120.000 mPa.s
Osmolality	270-400 mOsm/kg
Classification	Dispersive
pH	6.0 – 8.0
Cannula	25G
Volume	1 ml

Composition (1ml)

Sodium hyaluronate	20.000 mg
Sodium chloride	8.500 mg
Disodium hydrogen phosphate	0.563 mg
Sodium dihydrogen phosphate	0.045 mg
Water for injection	q.s



Technical Data

CrownVisc® 1.0%

Viscoelastic solution for intraocular use

Concentration	10 mg/mL (1.0 %) of sodium hyaluronate
Molecular Weight	3-3.6 million daltons
Viscosity	20 - 70.000 mPa.s
Osmolality	270-400 mOsm/kg
Storage	2-25 °C
pH	6.0 - 8.0
Origin	Biofermentation
Classification	Cohesive
Cannula	27G
Volume	1 mL - 1.5 mL - 1.6 mL

Composition (1 mL)

Sodium Hyaluronate	10.000 mg
Sodium Chloride	8.500 mg
Disodium Hydrogen Phosphate	0.563 mg
Sodium Dihydrogen Phosphate	0.045 mg
Water for injection	q.s



CrownVisc® is a sterile, non pyrogenic viscoelastic solution containing high-quality sodium hyaluronate derived from bio-fermentation.

Technical Data

CrownVisc® 1.4%

Viscoelastic solution for intraocular use

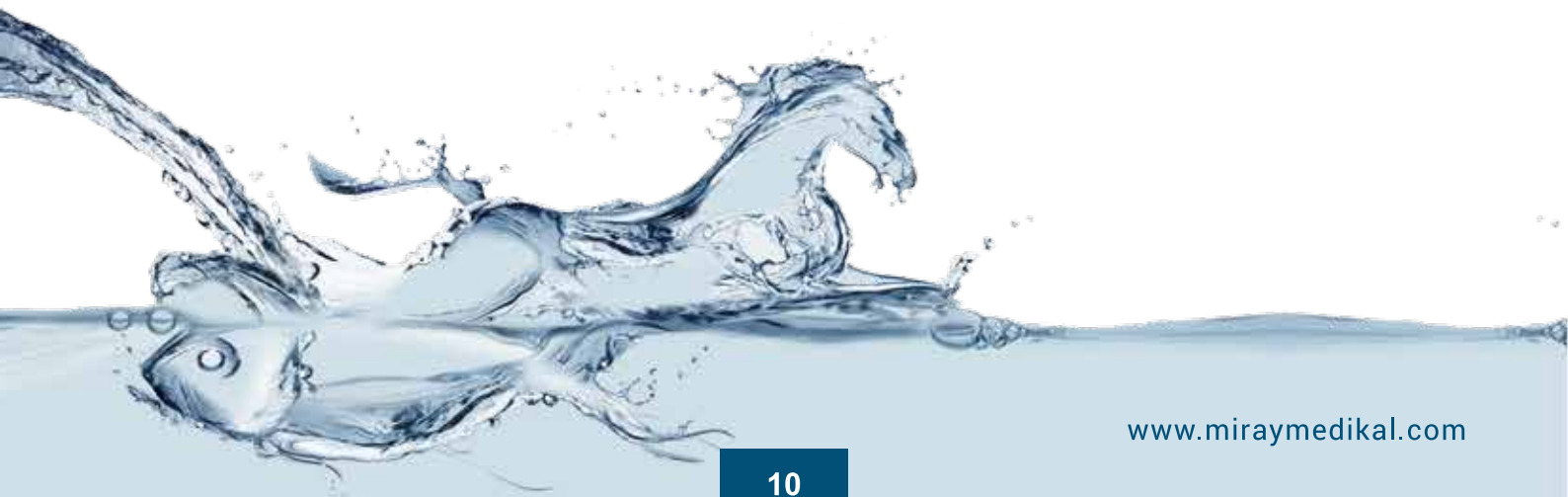
Concentration	14 mg/mL (1.4 %) of sodium hyaluronate
Molecular Weight	1.1 - 2.6 million daltons
Viscosity	40 - 70.000 mPa.s
Osmolality	270-400 mOsm/kg
Storage	2-25 °C
pH	6.0 - 8.0
Origin	Biofermentation
Classification	Dispersive
Cannula	27G
Volume	1 mL - 1.5 mL - 1.6 mL

Composition (1 mL)

Sodium Hyaluronate	14.000 mg
Sodium Chloride	8.500 mg
Disodium Hydrogen Phosphate	0.563 mg
Sodium Dihydrogen Phosphate	0.045 mg
Water for injection	q.s



CrownVisc® is used to maintain anatomical space of the anterior segment with reduced trauma to the corneal endothelium during surgery.



Technical Data

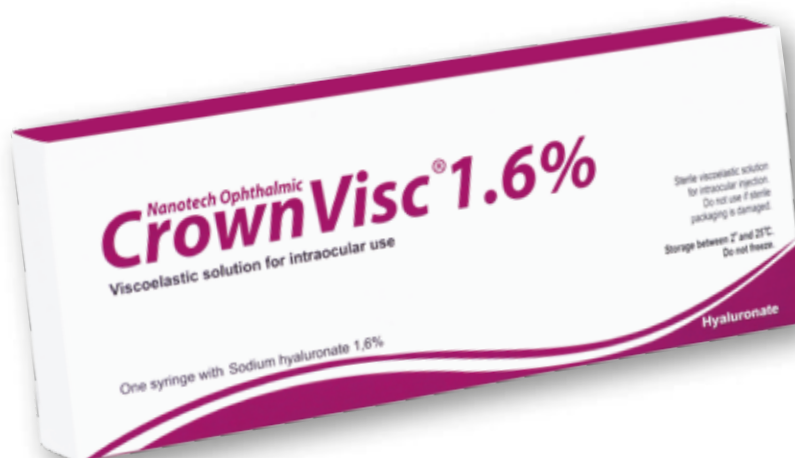
CrownVisc® 1.6%

Viscoelastic solution for intraocular use

Concentration	16 mg/mL (1.6 %) of sodium hyaluronate
Molecular Weight	1.1 - 2.6 million daltons
Viscosity	80 - 140.000 mPa.s
Osmolality	270-400 mOsm/kg
Storage	2-25 °C
pH	6.0 - 8.0
Origin	Biofermentation
Classification	Dispersive
Cannula	27G
Volume	1 mL - 1.5 mL - 1.6 mL

Composition (1 mL)

Sodium Hyaluronate	16.000 mg
Sodium Chloride	8.500 mg
Disodium Hydrogen Phosphate	0.563 mg
Sodium Dihydrogen Phosphate	0.045 mg
Water for injection	q.s



CrownVisc® is a sterile, non pyrogenic viscoelastic solution containing high-quality sodium hyaluronate derived from bio-fermentation.

Technical Data

CrownVisc® 1.8%

Viscoelastic solution for intraocular use

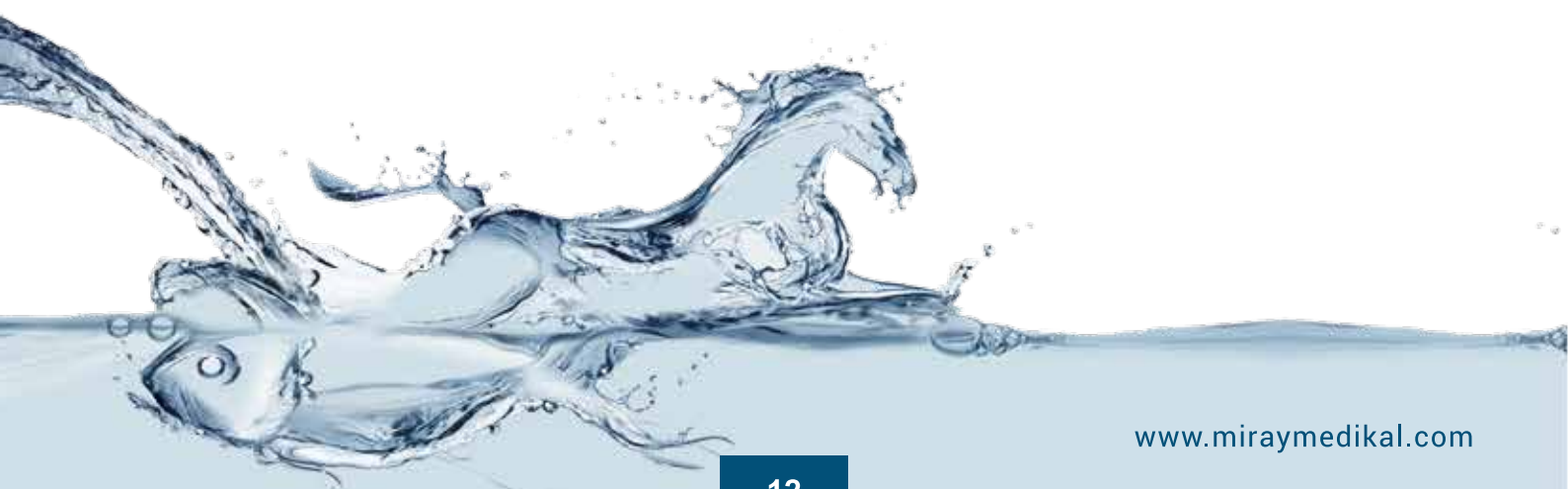
Concentration	18 mg/mL (1.8 %) of sodium hyaluronate
Molecular Weight	1.1 - 2.6 million daltons
Viscosity	100 - 180.000 mPa.s
Osmolality	270-400 mOsm/kg
Storage	2-25 °C
pH	6.0 - 8.0
Origin	Biofermentation
Classification	Dispersive
Cannula	27G
Volume	1 mL - 1.5 mL - 1.6 mL

Composition (1 mL)

Sodium Hyaluronate	18.000 mg
Sodium Chloride	8.500 mg
Disodium Hydrogen Phosphate	0.563 mg
Sodium Dihydrogen Phosphate	0.045 mg
Water for injection	q.s



CrownVisc® is used to maintain anatomical space of the anterior segment with reduced trauma to the corneal endothelium during surgery.



Technical Data

CrownVisc®3.0%

Viscoelastic solution for intraocular use

Concentration	30 mg/mL (3.0 %) of sodium hyaluronate
Molecular Weight	1.1 - 2.0 million daltons
Viscosity	150 - 250.000 mPa.s
Osmolality	270-400 mOsm/kg
Storage	2-25 °C
pH	6.0 - 8.0
Origin	Biofermentation
Classification	Dispersive
Cannula	25G
Volume	1 mL - 1.5 mL - 1.6 mL

Composition (1 mL)

Sodium Hyaluronate	30.000 mg
Sodium Chloride	8.500 mg
Disodium Hydrogen Phosphate	0.563 mg
Sodium Dihydrogen Phosphate	0.045 mg
Water for injection	q.s



CrownVisc® is used to maintain anatomical space of the anterior segment with reduced trauma to the corneal endothelium during surgery.

Technical Data

CrownGel® 2.0%

Viscoelastic solution for intraocular use

CrownGel® 2.4%

Viscoelastic solution for intraocular use

Hydroxypropyl Methylcellulose	2.0 %	2.4 %
Viscosity	3.000 - 5.000 mPa.s	6.000 - 8.000 mPa.s
Osmolality	270 - 400 mOsm/kg	270 - 400 mOsm/kg
pH	6.0 - 8.0	6.0 - 8.0
Volume	2 mL	2 mL

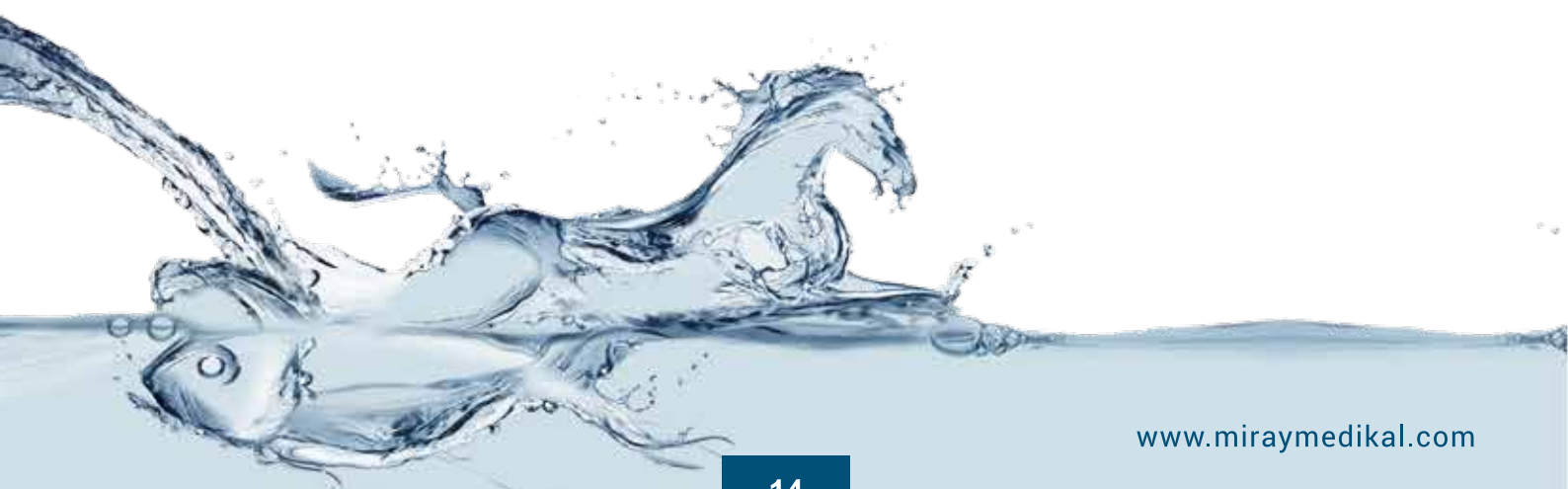
Composition (1 mL)

Hydroxypropyl Methylcellulose	20.000 mg	24.000 mg
Sodium chloride	6.40 mg	6.40 mg
Potassium chloride	0.75 mg	0.75 mg
Calcium chloride 2H ₂ O	0.48 mg	0.48 mg
Magnesium chloride 6H ₂ O	0.30 mg	0.30 mg
Sodium acetate 3H ₂ O	3.90 mg	3.90 mg
Trisodium citrate 2H ₂ O	1.70 mg	1.70 mg
Water for injection	q.s	q.s



CrownGel® Sterile Viscoelastic Solution Containing Pharma grade HPMC

CrownGel is used to maintain anatomical space and avoid collapsing of the chamber in anterior segment surgical procedures such as cataract extraction and IOL implantation.

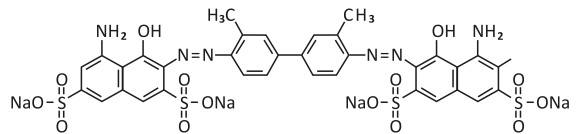


OCUBLU-TRY TRYPAN BLUE®



Formula	C ₃₄ H ₂₄ N ₆ Na ₄ O ₁₄ S ₄
Concentration	0,02%, 0,04%, 0,06%
Packing	1 ml in vial / 5 per box 1 ml in syringe / 5 per box

Ocublu-Try Trypan Blue 0.02% - 0.2 mg 1mL
Ocublu-Try Trypan Blue 0.04% - 0.4 mg 1mL
Ocublu-Try Trypan Blue 0.06% - 0.6 mg 1mL



Ocublu-Try Trypan Blue® is a sterile intra-ocular solution which stains the anterior lens capsule to visualize the capsulorhexis during cataract surgery.

FEATURES

- Rapid and easy application
- Improved visualization of the anterior lens capsule
- Excellent distinction of the capsulorhexis margin
- Reduced risk of incomplete capsulorhexis
- Reduced surgical time
- Steam sterilized

Technical Data

OCUBLU ILM Blue®

OCUBLU ILM/ERM Blue®

pH	6.0 - 8.0	6.0 - 8.0
Osmolality	270 - 400 mOsm/kg	270 - 400 mOsm/kg
Storage	5-45 °C	5-45 °C
Packing	1 ml in vial / 5 per box 1 ml in syringe / 5 per box	1 ml in vial / 5 per box 1 ml in syringe / 5 per box

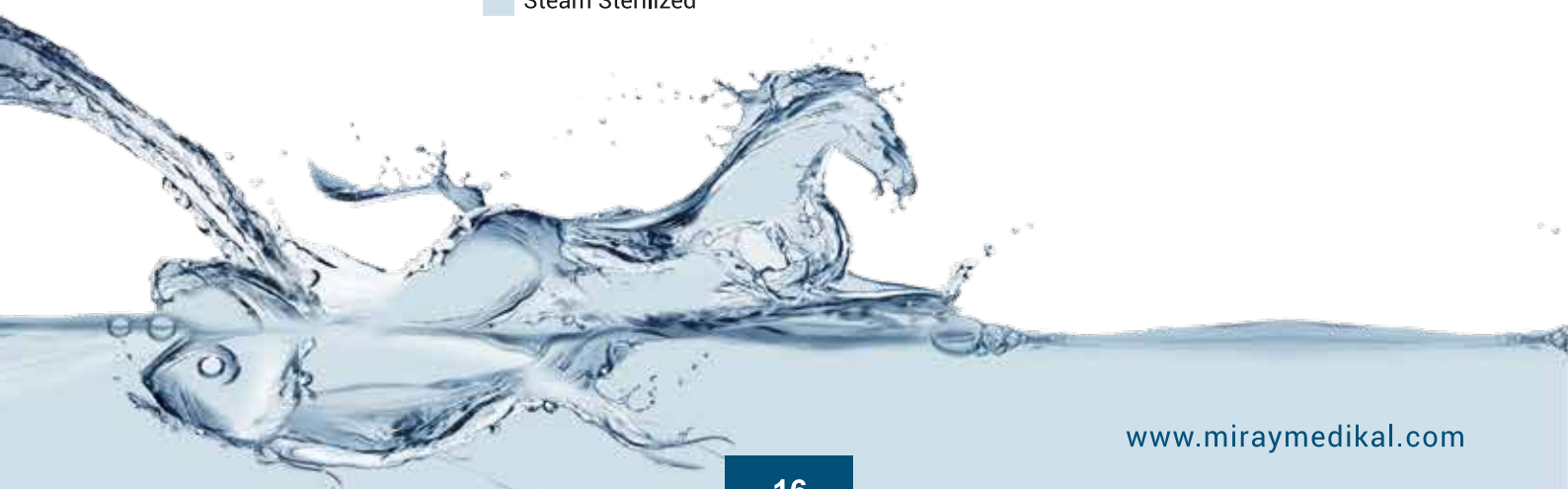


Ocublu ILM Blue® is used to selectively stain and visualize Internal Limiting Membrane (ILM), facilitating removal of the tissue and reducing the risk of retinal damage.

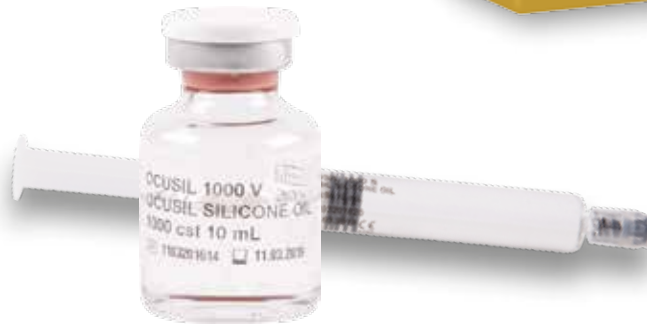
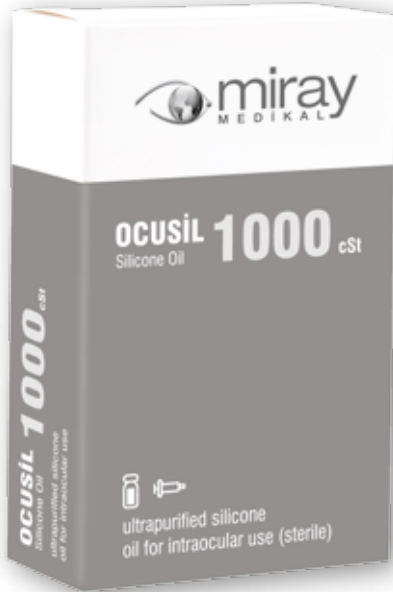
Ocublu ILM/ERM Blue® has selective affinity for both Epiretinal Membrane (ERM) and Internal Limiting Membrane (ILM) which allows surgeons to clearly differentiate ILM, ERM and retina.

FEATURES

- Good Staining and better contrast
- Fast sinking, maximized contact area with the tissue
- Biocompatible
- Steam Sterilized



OCUSIL SILICONE OIL®



Ocusil Silicone Oil® is a medical grade purified silicone oil intended for prolonged tamponade after surgical treatment for severe retinal detachment.

Technical Data

OCUSIL SILICONE OIL®

Viscosity	1000 cSt / 1300 cSt / 2200 cSt / 5000 cSt / 5500 cSt
Refractive index	1,401 - 1,405 at 25 °C
Specific Gravity	0,973 g/cm³ at 25 °C
Packing	10 ml in vial 15 ml in vial 10 ml in syringe

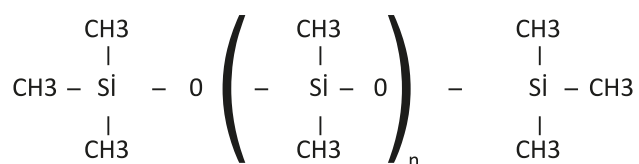
Ocusil Silicone Oil 1000 cSt 10 ml / 15 ml

Ocusil Silicone Oil 1300 cSt 10 ml / 15 ml

Ocusil Silicone Oil 2200 cSt 10 ml / 15 ml

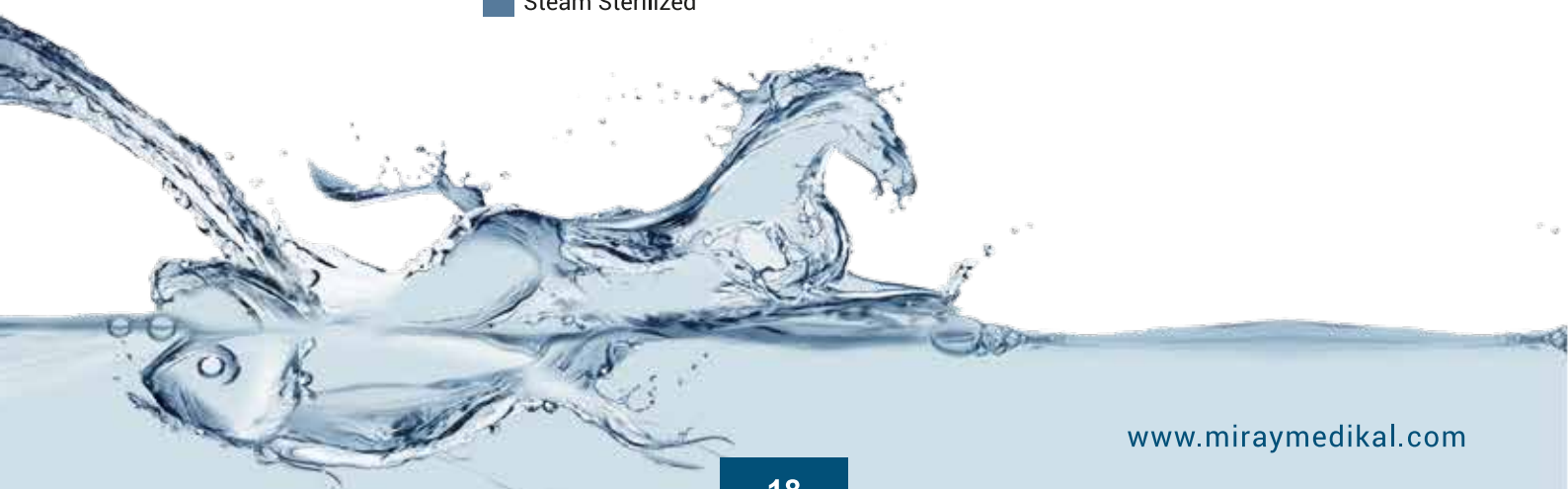
Ocusil Silicone Oil 5000 cSt 10 ml / 15 ml

Ocusil Silicone Oil 5500 cSt 10 ml / 15 ml

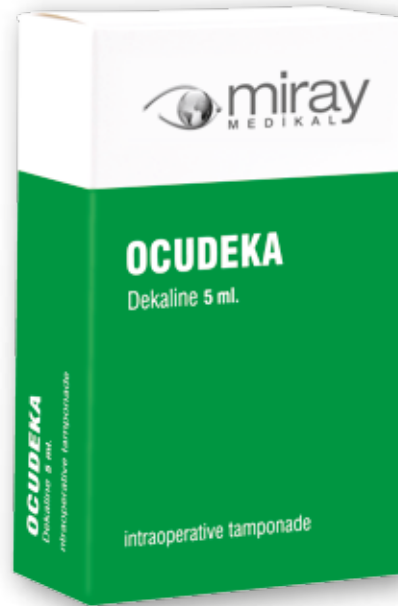
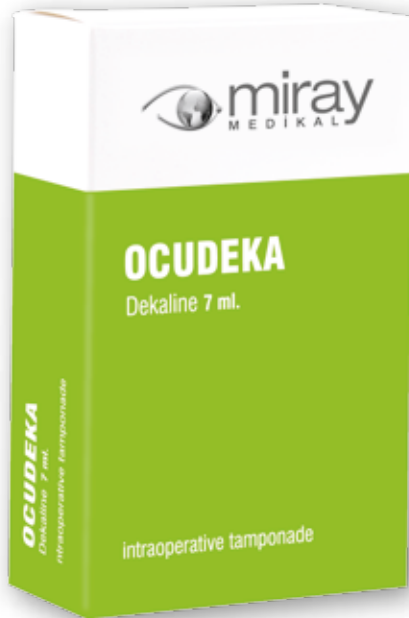


FEATURES

- Excellent chemical purity
- Reliable long term tolerance
- High emulsification resistance
- Reduced incidence of complications
- Steam Sterilized



OCUDEKA DECALINE®



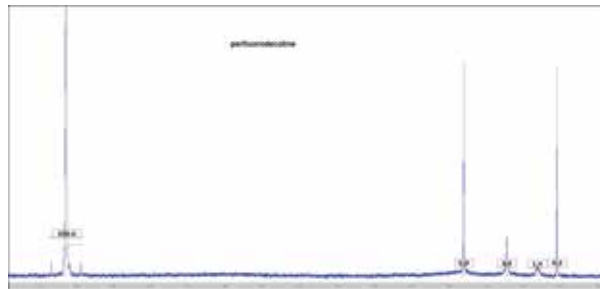
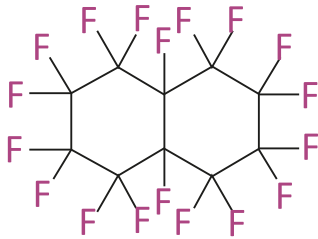
OcuDeka Decaline®

Ultrapurified, 100% Fluorinated Perfluorocarbon Liquid For Retinal Surgery

Technical Data

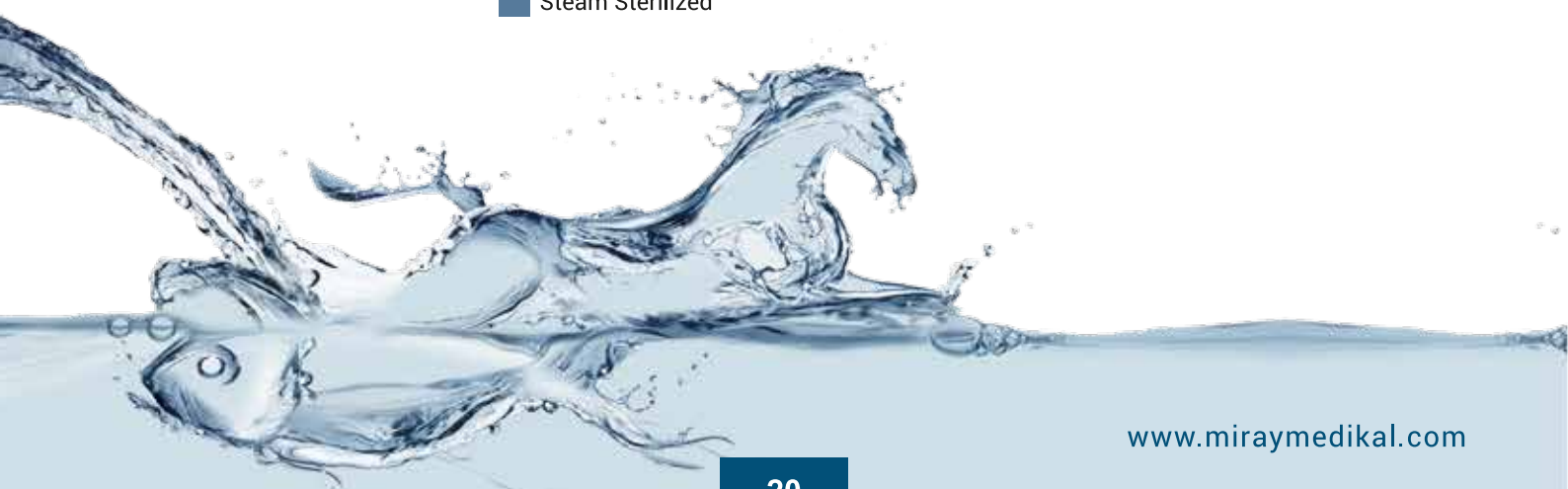
OCUDEKA DECALINE®

Formula	C ₁₀ F ₁₈
Density	1,908 g/cm ³ at 25 °C
Refractive index	1,313 at 20°C
Purity	100 % fluorinated perfluorocarbon
Boiling point	142 °C
Packing	5 ml in vial 7 ml in vial

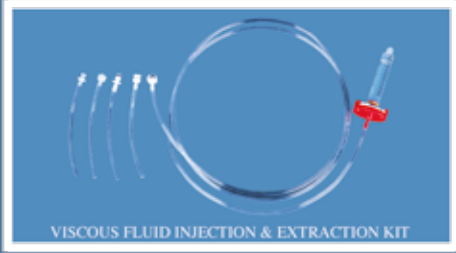
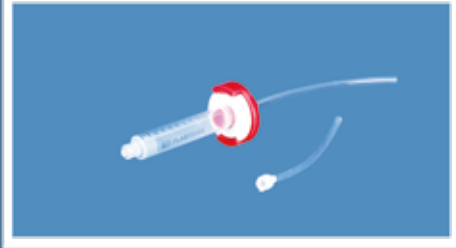
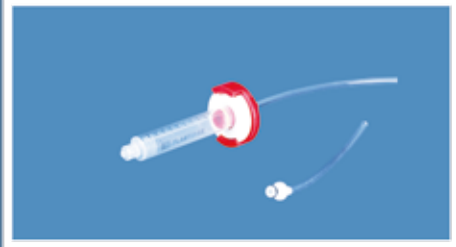
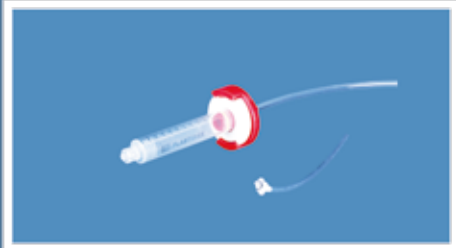
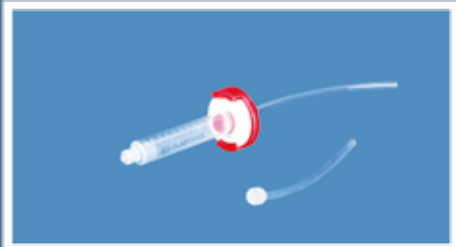


FEATURES

- Biocompatible
- Chemically and physiologically inert
- Efficient retinal unfolding and stabilization
- High specific density
- Steam Sterilized



OCUSIL VISCOUS FLUID INJECTION & EXTRACTION KIT®

 <p>VISCOUS FLUID INJECTION & EXTRACTION KIT</p>	<p>VFI/VFE Viscous Fluid Injection & Extraction Kit Connector Type</p>	<p>Manufacturer</p>	<p>Vitrectomy System</p>
	<p>Compatible connector with Dorc, Alcon (VFI-1)</p>	<p>DORC ALCON</p>	<p>Eva Accurus Constellation</p>
	<p>Compatible connector with Oertli (VFI-2)</p>	<p>OERTLI</p>	<p>Orbit Faros 0S3 0S4</p>
	<p>Compatible connector with Bausch&Lomb (VFI-3)</p>	<p>BAUSCH&LOMB</p>	<p>Millenium Stellaris</p>
	<p>Compatible connector with Dorc (Harmony) (VFI-4)</p>	<p>DORC DORC OERTLI FRITZ RUCK OPTICON STORZ</p>	<p>Harmony Associate SP3 Pentasy Antares Premiere</p>





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