

RS-OIL

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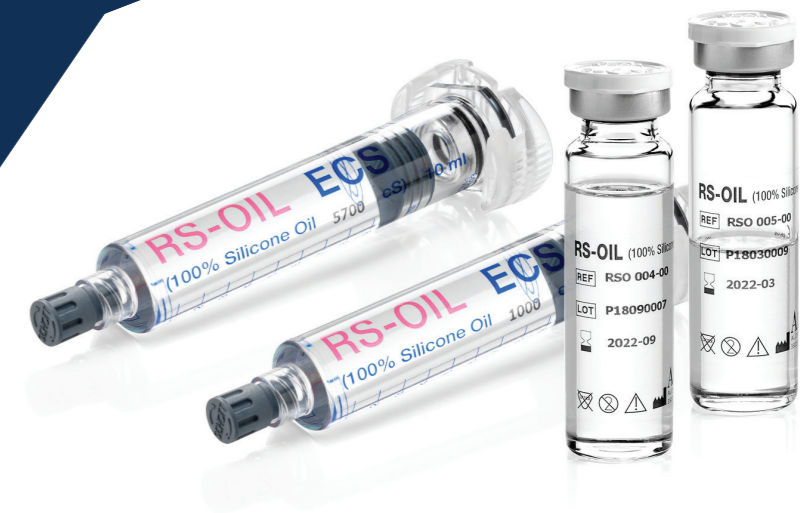
ULTRA-PURIFIED



CYTOTOXICITY TESTED



OPTIMAL TRANSPARENCY



a quality choice



RS-OIL is 100% ultra-purified silicone oil **free of low molecular weight components** (LMWC) thanks to an innovative proprietary purification method. RS-OIL ensures a **stable tamponade in vitreoretinal surgery** and a reduced incidence of complications.

The **RS-OIL** silicone oil is available in class I glass bottle or unbreakable Luer Lock-syringe with a single body made of "Pharma" grade COC.

RS-OIL is available in viscosities 1.000 cSt, 1.300 cSt, 2.000 cSt, 5.000 cSt or 5.700 cSt. RS-OIL in syringe is compatible with the major vitrectomy systems through the aid of ECT connections.



indicated for

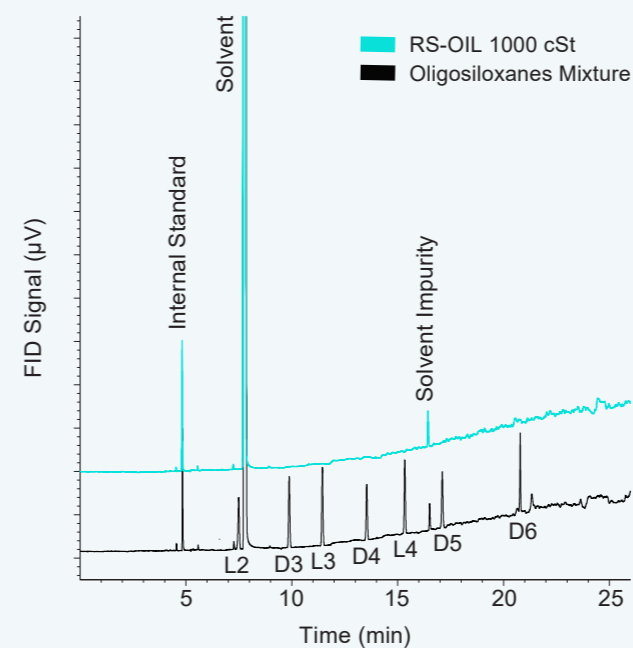
- + Giant retinal tears
- + Macular holes
- + Proliferative diabetic retinopathy
- + Proliferative retinopathy
- + Ocular trauma
- + Cytomegalovirus retinitis

a safety choice

The **safety** of RS-OIL is guaranteed by accurate chemical and biological tests conducted during all production phases.

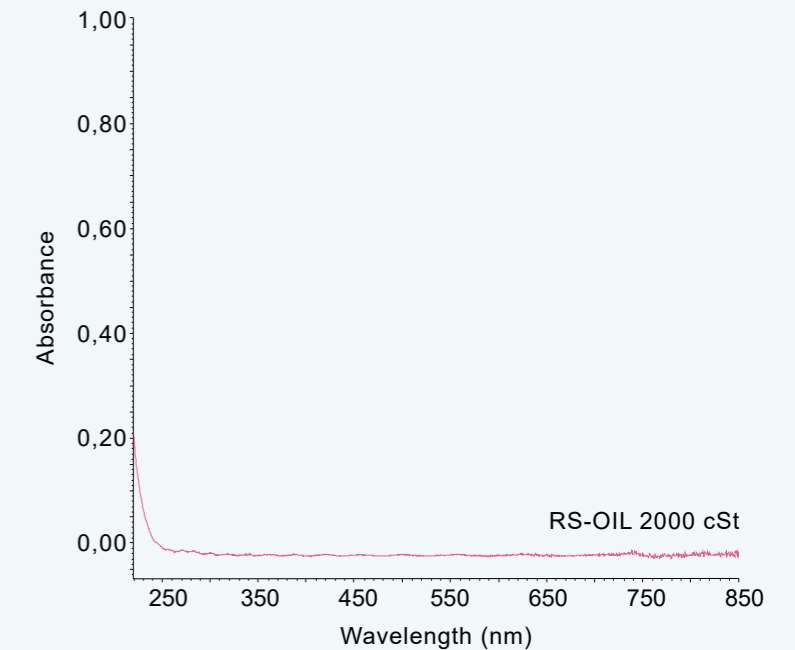
RS-OIL is tested for **citotoxicity** in accordance with the international standard **ISO 10993-5** on the **BALB 3T3 and ARPE-19 cell lines.**

GC-FID ANALYSIS OF RS-OIL VS OLIGOSILOXANE MIXTURE



RS-OIL is **free of low molecular weight components** (LMWC) intended as linear oligosiloxanes chain (L2-L3-L4) and cyclic chain (D3-D4-D5).

SILICONE OIL UV-VIS ABSORBANCE SPECTRA



RS-OIL has a **volatility of less than 0,01%** and a reduced concentration of active UV substances at ≥ 220 nm wavelengths.