

Perfluorodecaline

Product
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Catalog Number
PFD-2000

**Our High Quality Perfluorodecaline Comes Sterile in 7 ml Vials*



DecalineMate™

100% Fluorinated Liquid Perfluorocarbene

DecalineMate is a bicyclic fluorocarbene compound with a relatively high density (1.93g/cm³) consisting only of C-C and C-F bonds but not containing C-H or C=C double bonds. Because of the outstanding stability of the C-F bonds, DecalineMate™ is chemically and physiologically inert and absolutely un toxic.

Application

Perfluorodecaline serves perfectly in the treatment •

- Retinal Detachments
- Giant Tears
- Ocular Trauma
- Laser Coagulation and Cryotherapy
- Lifting of Subluxated Lenses
- Short Term Tamponade

Composition

100% Fluorinated Perfluorocarbene containing:
>95% Perfluorodecalin (isomers)
rest ad 100 consisting of (in declined quantity):

- Perfluoro-1, 2-diethyl-cyclohexane
- Perfluoro-1, 2-dialkyl-cyclohexane
- Perfluoromethylhydrindane

Physical Properties

Formula.....	C ₁₀ F ₁₈
Molecular Weight.....	462
Density (g/cm ₃).....	1.93
Refractive Index at 20°.....	1.310
Boiling Point (°C).....	142
Surface Tension at 25°C.....	19.0
Interface Tension at 20°.....	57.8