**Howard Instruments**

**DecalineMate Insert**

**100% fluorinated liquid Perfluorocarbone**

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| DecalineMateTM is a bicyclicfluorocarbone compound with arelatively high density (1.93g/cm3)consisting only of C-C and C-F bondsbut not containing C-H or C=C doublebonds. Because of the outstandingstability of the C-F bonds, DecalineMateTMis chemically and physiologicallyinert and absolutely untoxic.**Application**Perfluorodecalin serves perfectly in thetreatment of•retinal detachments•giant tears•ocular trauma•laser coagulation and cryotherapy•lifting of subluxated lenses•short term tramponade**Composition**•100% fluorinated Perfluorocarbone containing:>95% Perfluorodecalin (isomers)rest ad 100 consisting of (in declined quantity):•Perfluoro-1, 2-diethyl-cyclohexane•erfluoro-1, 2-dialkyl-cyclohexane•Perfluoromethylhydrindane**Physical properties**Formula …………………………. C10F18Molecular weight.... 462 | Density (g/cm3). …………………. 1.93Refractive index at 20o. 1.310Boiling point (oC). ………………142Surface tension at 25 oC ……….… 19.0Interface tension at 20o …………. 57.8**Directions for use**After partial or complete vitrectomyDecalineMate TM is injected above theoptical disk. The low viscosity allowsusing standard instruments, e.g. bluntingneedles of 20 to 23 G. In case of a giantretinal tear, using care to avoid thepassage of the compound under theretina. DecalineMate TM should becompletely removed at the end of theretinoplexy or after a short-termtamponade and if necessary exchangedagainst a medium for long-term use.**Side effects**Due to its high gravity there is apossibility that DecalineMate TM maygenerate alterations of the retina ifpresent over a long period of time.Therefore, the product should be leftin the eye for a short-term tamponade only.**How supplied**DecalineMate TM is available in volumesof 5 and 7 ml.**Storage**The product should be stored at roomtemperature. |