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Immersion oil (immersion, cedar) in a glass bottle; volume of the oil: 500 ml Immersion oil is designed for use in microscopes equipped with lenses for use with oil immersion - usually with a magnification of 100x and a numerical aperture NA  $\approx$  1,25. It can also be used as an immersion liquid for condensers (eg for a dark field, Abbe o NA  $\approx$  1,25).  
Technical parameters The presented product is a high quality immersion oil designed for microscopy. It is a refined and chemically treated cedar oil. In contrast to ordinary cedar oil, it is characterized by almost complete lack of color, appropriate viscosity, low fluorescence and high refractive index similar to glass: 1,516.  $n_D^{20}$  refractive index: 1,516  $d_4^{20}$  density (20 ° C): 1.0246 g / cm<sup>3</sup>  $T_{380}$  transmission 1 cm for 380 nm:  $\approx$  65%  $T_{400}$  1 cm transmission for 400 nm wave:  $\approx$  70%  $T_{450}$  1 cm transmission for 450 nm wave:  $\approx$  90%  $F_{365}$  fluorescence (excitation 365 nm): 513 ppb  $\eta$  viscosity: 113 mPa \* s  
producer: Merck  $V$  amount: 500 ml  $P$  package: glass bottle Additional information  $S$  safety data sheet (PDF)  $C$  analysis certificate (PDF)