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Immersion oil (immersion, cedar) in a glass bottle with a spatula; volume of the oil: 10 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 NAâ€¢1,25. It can also be used as an immersion liquid for condensors (eg for a dark field, Abbe o NAâ€¢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. â€¢ refractive index: 1,516 â€¢ density (20 ° C): 1.0246 g / cm 3 â€¢ transmission 1 cm for 380 nm: â€¢65% â€¢ 1 cm transmission for 400 nm wave: â€¢78% â€¢ 1 cm transmission for 450 nm wave: â€¢90% â€¢ fluorescence (excitation 365 nm): 513 ppb â€¢ viscosity: 113 mPa * s â€¢ producer: Merck â€¢ amount: â€¢10 ml â€¢ package: glass bottle with a spatula / applicator The oil was tested for use in microscopy, also because of the effect on the optics. The bottle cap in which the oil is distributed contains a special spatula, which is used for precise application in the place of use. After unscrewing the cap, carefully remove it

with the spatula, wait for a moment until the excess liquid from the tip of the spatula will creep back into the bottle. Then, the tip of the blade is gently touched to the place where you want to apply liquid immersion. In case we need more immersion, dip the blade back into the bottle and repeat the procedure. After use, the cap should be screwed again. Additional information â€¢ safety data sheet (PDF) â€¢ analysis certificate (PDF)