104699 Immersion oil

for microscopy

For general questions please contact our Customer Service:

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25 March 2014

Immersion media are used in conjunction with immersion objectivs and are located between the surface of the specimen and the lens of the microscope. Immersion media are liquids that are frequently of an oily nature and which have a defined refractive index. It is important that the refractive index (nD) is about 1.5, that figure for glass. This enables a homogeneous oil immersion to be achieved. Immersion oils practically eliminate light beam deflection so that the effectiveness of the lens is considerably increased. The refractive index of the Immersion Oil for Microscopy and the Immersion oil acc. to ISO 8036 modified for microscopy is about 1.516. It is available in a practical PE dropper bottle that guarantees an unaltered viscosity of the immersion oil. The Immersion Oil for Microscopy and the immersion oil of cedar wood are produced from a natural component and the Immersion oil acc. to ISO 8036 modified for microscopy is a chemical-based immersion oil. The immersion oils can be used for clinical diagnostic purposes as they are certified and registered as IVD and CE-Products.

Product number	Packaging	Qty/Pk	Price
1046990100	Glass bottle	100 ml	price on request
1046990500	Glass bottle	500 ml	price on request

Prices are subject to change without notice.

Related products

115577	Immersion oil acc. to ISO 8036 modified for microscopy

Accessories

116300	LEUCOGNOST® ALPA Detection of the alkaline leukocyte phosphatase activity in leukocytes
112327	LEUCOGNOST® Fixing Mixture for enzyme cytochemistry
115355	CYTOCOLOR® Cytological standard

	stain acc. to Szczepanik for microscopy
116198	LEUCOGNOST® NASDCL Detection of naphthol AS-D chloroacetate esterase in granulocytes

More accessories

Product information

HS Code	3824 90 97
Storage	Store at +15°C to +25°C.

Chemical and physical data

Solubility	(20 °C) practically insoluble
Density	1.02 g/cm^3 (20 °C)

Safety information according to GHS

Hazard Statement(s)	H302: Harmful if swallowed. H411: Toxic to aquatic life with long lasting effects.
Precautionary Statement(s)	P273: Avoid release to the environment.
Signal Word	Warning
Hazard Pictogram(s)	
Storage class	10 - 13 Other liquids and solids
WGK	WGK 2 water endangering
Disposal	3 Relatively unreactive organic reagents should be collected in container A. If halogenated, they should be collected in container B. For solid residues use container C.

Safety information

R Phrase	R 22-51/53 Harmful if swallowed.Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S Phrase	S 61 Avoid release to the environment. Refer to special instructions/ Safety data sheets.
Categories of danger	harmful, dangerous for the environment
Hazard Symbol	 Harmful

Dangerous for the environment

Transport information

Declaration (railroad and road) ADR, RID	UN 3082 Umweltgefährdender Stoff, flüssig, n.a.g.(BENZYLBENZOAT), 9, III
Declaration (transport by sea) IMDG-Code	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(BENZYL BENZOATE), 9, III, Marine Pollutant: P
Declaration (transport by air) IATA-DGR	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(BENZYL BENZOATE), 9, III