

# MICROTOME OIL

IVD In vitro diagnostic medical device



## Special optimal viscosity oil for microtome lubrication INSTRUCTIONS FOR USE

REF Catalog number: MO-OT-50 (50 mL) MO-OT-100 (100 mL)

### Introduction

During routine work in histopathology laboratory, excessive paraffin and other impurities buildup on work tables and instruments is everyday occurrence, especially on tissue processors that use liquid paraffin, and on microtome that processes paraffin blocks. It is important to keep microtome clean and to regularly remove excessive paraffin, as well as to keep it functional. Beside cleaning, for keeping microtome working optimally it is essential to lubricate the moving parts using a special Microtome oil. It is recommended to lubricate the moving parts at least once a month, and even more frequently if possible.

### Product description

**MICROTOME OIL** – Special optimal viscosity oil for microtome lubrication

### Recommended procedure:

1.	Disassemble microtome moving parts (blade holder, base of the blade holder and paraffin block holder) and clean them well of all impurities and paraffin leftovers (for instance, using BioGnost's Micro Clean).
2.	Dry the moving parts of the microtome by using paper towel.
3.	Add 1-2 drops of Microtome oil onto moving parts of the microtome and gently rub.
4.	Assemble parts of the microtome and place them back at their places.
5.	Repeat the procedure at least once a month, and even more frequently if possible.

### Preparing the sample and diagnostics

Use only appropriate instruments for collecting and preparing the samples. Process the samples with modern technology and mark them clearly. Follow the manufacturer's instructions for handling. In order to avoid mistakes, the staining procedure and diagnostics should only be conducted by authorized and qualified personnel. Use only microscope according to standards of the medical diagnostic laboratory.

### Safety at work and environmental protection

Handle the product in accordance with safety at work and environmental protection guidelines. Used solutions and out of date solutions should be disposed of as special waste in accordance with national guidelines. Chemicals used in this procedure could pose danger to human health. Tested tissue specimens are potentially infectious. Necessary safety measures for protecting human health should be taken in accordance with good laboratory practice. Act in accordance with signs and warnings notices printed on the product's label, as well as in BioGnost's material safety data sheet.

### Storing, stability and expiry date

Keep Microtome oil in a tightly sealed original packaging at temperature of 15 to 25°C. Do not keep in cold places, do not freeze and avoid exposing to direct sunlight. Date of manufacture and expiry date are printed on the product's label.

### References

- Carson, F. L., Hladik, C. (2009): Histotechnology: A Self-Instructional Text, 3<sup>rd</sup> ed., Chicago: ASCP Press.
- Kiernan, J.A. (2008): Histological and histochemical methods: Theory and Practice, 4<sup>th</sup> ed., Bloxham, Scion Publishing Ltd.
- Callis, G., Sterchi, D. (1998): Decalcification of bone: literature review and practical study of various decalcifying agents, methods and their effects on bone histology. J. Histotechnol. 21:49-58.

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	Refer to the supplied documentation		Storage temperature range		Number of tests in package		Product code		European Conformity
	Refer to supplied instructions		Keep away from heat and sunlight		Valid until		Lot number		Manufacturer
	For in vitro diagnostic use only		Keep in dry place		Caution - fragile				

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