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TECHNICAL DATA SHEET 259

Macroinvertebrate Mounting Medium

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CMCP is a non-resinous, water miscible mounting media used to make permanent transparent mounts. With adequate clearing of the specimens, this medium can be used to mount almost any material, provided it is not stained, calciferous material, or thin tissue sections. Although used like Canada balsam, this embedding media has the advantage of allowing live or preserved specimens to be mounted directly from water or alcohol.

Free living nematodes and live parasitic worms are among the organisms suitable for mounting with CMCP. The CMCP mounting media provide them with rapid relaxation, death, and clearing action.

Whereas specimens with little air can be mounted alive, when they possess extensive air passages and/or large air sacs, immersion in a low viscosity medium is necessary to displace trapped air. To avoid trapping air when CMCP-9 macroinvertebrate mounting medium is used, allow the medium to evaporate for a 24 hour period before attempting to coverslip. Specimens made with the CMCP-10 should dry for one week before adding a drop of CMCP-10 and coverslipping.

If the specimen is thick, it may be desirable to circle the coverslip with the mounting media. Several rings of mounting media may be needed at day intervals to achieve the proper height for coverslipping. If staining is desirable after mounting, this can be completed within 24 hours.

Warning:

The full chemical, physical, and toxicological properties for this product have not been established. Some components cause irritation and may also be skin sensitizers.

The presence of phenol makes this mixture **toxic and irritating**. Phenol is a skin, eye, and respiratory system irritant; its solution can be absorbed rapidly through the skin and death can result from collapse within 30 minutes to several hours. Spills on the skin can cause headaches, dizziness, muscular weakness, dimness of vision, ringing in the ears, irregular and rapid breathing, weak pulse, and dyspnea (difficult/labored breathing) may also develop, and may be followed by loss of consciousness, collapse, and death. Lactic acid is also a skin irritant.

Ordering Information:

Cat. #	Description	Size
16299	CMCP-9 Mounting Media Low viscosity, colorless mountant Refractive index about 1.40	470ml
16300	CMCP-10 Mounting Media High viscosity, colorless mountant Refractive index about 1.41	470ml

Some researchers like to tint their mounting media with Aniline blue.

02570	Aniline blue (water soluble), C.I. 42755 certified	25g
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To Order:

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