

Tissue Freezing Aerosol

General & useage information

Spray freezing compound delivered from an aerosol nozzle to rapidly freeze tissue and tissue embedding media such as M258 Frozen Tissue Mount (OCT type). For use in Cryotomy. Produces frozen sections suitable for sectioning on the cryostats.

Aqueous mounting and embedding media for mounting specimens in position prior to freezing. This medium can be used to embed the specimen as the freezing process continues, after which it forms a firm frozen media which is soft enough to allow cutting on the freezing microtome or cryostat. Supplied in 100ml dispenser nozzle bottles.

It is formed from 1,1,1,2-tetrafluoroethane and diethyl ether. Supplied in 500ml packages.

Method & results (Using Frozen tissue mount (M258) OCT type compound).

WARNING- DO NOT USE THIS AEROSOL NEAR A SOURCE OF IGNITION (FLAMMABLE)

M258 Aqueous mounting and embedding media is used in conjunction with the Tissue Freezing Aerosol for mounting specimens in position prior to freezing. This medium can be used to embed the specimen as the freezing process continues, after which it forms a firm frozen media which is soft enough to allow cutting on the freezing microtome or cryostat. Supplied in 100ml dispenser nozzle bottles.

Apply small amount to cork disc or other base, set sample in the compound , coat sample in compound and apply Tissue Freezing Aerosol by squeezing the nozzle on top of the can to freeze the sample. Use the Aerosol about 8-10 cm away from the sample. Build up layer of frozen compound on the sample as required. Store at -5 Deg C or lower until ready to cut.

No other reagents or controls required.

Storage:

Store reagent at cool room temperature in darkened cupboard away from sunlight and sources of ignition.

Material safety data section

HIGHLY FLAMMABLE – KEEP AND USE AWAY FROM SOURCES OF IGNITION. USE IN A EFFICIENT VENTILLATED FUME HOOD. Do not consume the reagent. Do NOT breathe vapour. If ingested seek immediate medical attention on what treatment is appropriate. Wash with soap and water in contact with skin. WEAR EYE AND SKIN PROTECTION WHEN USING – this product will instantly freeze human tissue and cause serious damage. If in contact with eyes bathe eyes with eye-bath for 5 minutes. Seek urgent medical attention if soreness persists. Wear suitable eye, face and body protection when using. Wear suitable respiratory equipment when in use. If you feel unwell seek immediate medical attention and show this leaflet. This product is for “In-vitro diagnostic use only “. Standard precautions for handling laboratory reagents should be followed when usind this product.

R: 11-34-48 S: 2-3-15-16-21-36-37-3853-63 UN: 1950

Waste disposal :

Allow to evaporate to atmosphere. Clean the spillage area with detergent & water and run the waste to sewer drains.

Unused reagent can be disposed of by carefull incineration by a competent licensed waste disposal contractor Empty (no residue) ackaging recycled as steel.

Unsatisfactory performance

As part of our duty to monitor product performance and our policy of continual improvement. Please report to us any unsatisfactory performance you may experience with this product. If any reagent degrades before expiry of shelf life we will replace that reagent free of charge. GCC Diagnostics guarantees the quality of this product, the user should however determine the suitability of this product for their intended use.

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