

General and useage information

This is an excellent fixative for routine biopsy work allowing brilliant staining with good cytological detail. It is well balanced and gives rapid and even penetration with a minimum of shrinkage. It is however not suitable for long periods of fixation. If tissues are left in this reagent for periods over 24 hours the tissue is blanched and excessively hardened.

Susa fixative is also regularly used as a secondary fixative (ie: used after a more gentle primary fixative which only completes part of the fixation process enabling a more powerful fixative to be used as a secondary fixative.) Tissue must be transferred after fixation directly to 96% Ethanol to avoid swelling of connective tissue. Contains Mercuric chloride in an acidic base.

Storage:

Store reagent at cool room temperature in darkened cupboard . Shelf life 5 years.

No additional reagents or controls required.

Method

Generally, tissues not exceeding 7-8 mm thick are fixed for 12-24 hours.

Small pieces of tissue not thicker than 3mm are fixed for 2-3 hours.

Tissues fixed with any mercury containing fixative will require treatment to remove any brownish mercury precipitate which can be found in the specimen after fixation.

Treat with 0.25% iodine in 80% ethanol for 3 minutes

Rinse in tap water.

Place in 3% sodium thiosulphate (aq) for 3 minutes.

Wash in tap water for 1-2 minutes.

The Histopathology Laboratory will have their own in-house procedures for using well known fixatives such as Schaudinn's fixative.

Material safety data section

Contains Mercuric chloride which is TOXIC and CORROSIVE. Contains Formaldehyde which is Harmful < 20%. Do not consume this reagent. Use only in a well ventilled fume-hood. Do not breathe vapour. Use away from sources of ignition. If ingested seek immediate medical attention on what treatment is appropriate. Wash with soap and water in contact with skin. If in contact with eyes bathe eyes with eye-bath for 5 minutes. Seek medical attention if soreness persists. Wear suitable eye, face and body protection when using. This product is for "In-vitro diagnostic use only ". Standard precautions for handling laboratory reagents should be followed when used this product.

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Waste disposal

Clean the spillage area with detergent & water and remove waste for disposal by a licensed waste contractor.

Unused reagent can be disposed of as shown above.

Packaging should be rinsed with water and recycled as polyethylene, paper & cardboard.

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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