

**General and useage information**

Routine histological fixative based on mercuric chloride, formalin and dichromate.

An excellent micro-anatomical fixative.

It is commonly used an fixative for bone marrow and spleen and is recommended for blood containing organs in general.

Zenkers fixative is good routine fixative giving rapid and even penetration of tissues.

**Storage:**

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

**No additional reagents or controls required.****Method**

Generally, tissues 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 thiosolphate ( 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 Harmfull < 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 usind 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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