

Picric acid solution is a saturated aqueous formulation for use as a background stain in where it will produce a yellow background. It is often used in conjunction with Trichrome stains because its use as a fixative or in the staining protocol can very much enhance the stain picture obtained from the trichrome stain.

Specification:

Ready to use aqueous Picric Acid 500ml/1lt/ 5ltr packs fitted with dispenser taps.

Notes on the use of Picric acid as Fixative .

Picric acid is a protein precipitant forming picrates with amino acids including those in nucleoproteins. Although it causes shrinkage of tissues it also enhances cytoplasmic constituents giving particularly brilliant results with trichrome stains.

Picric acid also stains tissue yellow which can be beneficial when handling small fragments (easier to see the tissue). The yellow colour can be removed if required at a later stage.

Picric acid is often employed in other fixative formulations to enhance the preservation of glycogen but this treatment may also cause hydrolysis of RNA rendering it unsuitable for quantitative histochemical study.

Picric acid is often employed with aldehydes in a combined fixative such as Bouins Fluid.

Tissues fixed in Picric acid are usually transferred directly to 70-80% alcohol to coagulate precipitated protein and render them insoluble in water.

Storage:

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

Health & Safety:

Contains Picric Acid, which is Toxic by skin contact and ingestion. Long term exposure may lead to irreversible effects.. Do not consume. Avoid sources of ignition when using. . 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. Use in a suitably ventilated area or under a ventilated hood.. This product is for "In-vitro diagnostic use only ". Standard precautions for handling laboratory reagents should be followed when using this product. R: 11-22-23-25-40 S: 7-16-24-25-26-28-45

Waste disposal :

Picric acid is toxic and dangerous to the aquatic environment. Mop up immediately with suitable absorbent granules or paper and remove to outside area for proper disposal by a waste disposal contractor

Unused reagent can be disposed of by a licensed waste disposal contractor.

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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