

General & Use information

Lactophenol is used in many areas of microscopy especially in microbiology.

It can be used as a base from which to prepare stain reagents such as cotton blue lactophenol (method shown below) and as a clearing agent (to clear tissue) before mounting. It can also be used as an aqueous type mountant from coverslips.

Specification:

Lactophenol available in 100ml and 500ml pack sizes.

Shelf life is 4 years.

Method:

To prepare Cotton blue lactophenol dissolve 1gm of Aniline Blue in 100ml of Lactophenol (warm).

The stain is now ready for use./

Health & Safety:

The product contains Phenol approx 5% w/w. Phenol is Toxic by inhalation, skin absorption and ingestion. It has also been shown to cause cancer in some laboratory animals. Use strict laboratory safety practise when using this product. Wear eye and body protection and use in a ventilated hood. Do not consume. If in contact with eyes rinse with eye bath for 5 minutes, if soreness persists seek medical attention. If in contact with skin wash with soap & water. If ingested wash out mouth with water, do not swallow rinse water and seek immediate medical advice on what treatment to administer. Do not inhale vapours. Use this product in an efficient ventilated fume hood. Wear full body protection when using. If inhaled and feeling unwell, move patient to clean air zone and seek immediate medical attention on what treatment to administer.

Waste disposal :

In the volumes involved in this procedure, the product can be disposed of to the public sewer system diluting it with water during disposal. However the product contains Phenol and local regulations may require different disposal arrangement therefore the user should be aware of and follow local regulatory requirements.

The bottle is polyethylene and should be re-cycled.

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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