

Thermo Scientific™ Richard-Allan Scientific Zinc Formalin Instructions for Use

Thermo Scientific Richard-Allan Scientific Zinc Formalin is designed to be used at full strength and should not require any additives. It is used as a primary fixative. This product contains formaldehyde and should be regarded as hazardous.

Instructions For Use

Specimen Preparation

1. Tissue specimens should be placed in Zinc Formalin immediately after removal from the body. Prompt fixation will prevent autolysis, putrefaction, and other undesirable cellular changes.
2. When grossing, tissue specimens should be no thicker than 5mm to facilitate optimal fixation.
3. Containers should be large enough to accommodate the specimen and to allow a ratio of 15 to 20 times the volume of Zinc Formalin to the volume of the specimen.

Procedure

1. Zinc Formalin is commonly used in the grossing room as a holding solution until the tissue specimens are ready to be placed onto the tissue processor. This solution should be replaced daily.

Warning: Use this product in a well ventilated area and use protective gloves and other precautions when handling Zinc Formalin.

2. Use Zinc Formalin in the first two stations of the tissue processor to ensure adequate fixation of tissue sections. One hour immersion time in each station is generally used in conventional tissue processing. Zinc Formalin can be used on all tissue processors.
3. Tissue specimens can be stored in containers filled with Zinc Formalin indefinitely. Specimens will not over-harden or be prone to excessive shrinkage from prolonged storage.
4. Zinc Formalin may also be used as a secondary fixative after 10% Neutral Buffered Formalin, providing the exposure to 10% Neutral Buffered Formalin has not exceeded several hours.
5. If used in enclosed tissue processors, it is advisable to follow the manufacturer's instructions regarding flushing and housekeeping procedures.

5 Gallon Cube

The 5 gallon cube with spigot is used to easily dispense Zinc Formalin into tissue processor reagent vessels or specimen containers. Simply remove the cap and replace with the supplied spigot and fasten tightly.

Warnings and Precautions

See Material Safety Data Sheet for warnings and precautions, as well as R & S code definitions.

See container label for warnings and precautions.

Order Information

Product	Size	Quantity	REF
Zinc Formalin, Buffered	1 gal. (3.79L) bottle	4/cs.	5701ZF
Zinc Formalin, Buffered	5 gal. (18.9L) cube	Ea.	5705ZF
Zinc Formalin, Unbuffered	1 gal. (3.79L) bottle	4/cs.	7600

