

# Technical Data Sheet

## Formaldehyde/Zinc Fixative

### Catalog #15675

Formaldehyde/Zinc Fixative Ready-to-use is designed to be used in your laboratory as a routine fixative, denaturing your tissue specimens and achieving cellular rigidity without over hardening.

Formaldehyde/Zinc Fixative retards protein crosslinking responsible for masking the immunochemistry antigenic binding sites. This fixative will yield excellent results in routine H&E, special stains, Enzymatic stains and immunochemical reactions.

### Instructions for Use:

- Formaldehyde/Zinc Fixative Ready-to-use is to be used full strength.
- Use as routine histologic fixatives. For optimum results tissue/fixative ratio should not exceed 1:15 and specimens should be placed into fixative immediately following removal from the patient.
- It may be used as the secondary fixative after neutral buffered formalin, providing that exposure to NBF has not exceeded several hours.
- If used in enclosed tissue processors, it is advisable to follow manufacturers instructions in regards to flushing and housekeeping procedures.

**DANGER:** Strong sensitizer, avoid prolonged or repeated exposure. Use under fume hood and adequate ventilation.

**CAUTION:** The Federal Formaldehyde Standard requires that all containers be labeled with a warning listing all of the hazards of this solution.

**DISPOSAL:** Dispose in accordance to State and local codes. Disposal may be easier if Zinc is removed from solution. Simply raise the pH to 7.0 - 8.0 with a mild alkaline solution (sodium hydroxide is recommended). Wait several hours and filter the solution. Dispose of the filtered precipitate as you would any inorganic solids of low toxicity.