



## 4% Paraformaldehyde

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### Intended Use

4% Paraformaldehyde can be used as a substitute for 10% Neutral Buffered Formalin in routine analysis.

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### General Information

4% Paraformaldehyde produces 10% Neutral Buffered Formalin safely and rapidly. The final solution has an automatic pH of 6.9-7.2 and is osmotically balanced, even when using tap water. The new 4% Paraformaldehyde formula performs identically to a standard 10% Neutral Buffered Formalin in all respects. It is compatible with all routine stains, special stains, and immunohistochemical procedures as well as all other fixatives and reagents. 4% Paraformaldehyde can be used on the processor and will not precipitate out when mixed correctly. 10% Neutral Buffered Formalin created from this product can also be recycled for added savings and benefits. Fixation times and results will be identical to that of standard 10% Neutral Buffered Formalin as well as all staining and immunohistochemical procedures.

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### Packaging

Catalog #	Volume
8015	4% Paraformaldehyde Packets A&B 1 Quart
8016	4% Paraformaldehyde Packets A&B 1 gallon
8017	4% Paraformaldehyde Packets A&B 5 gallon

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### Preparation Directions

#### PACKET A

1. Mix contents of Packet A with water\*
2. Mix for 20-30 minutes or until completely dissolved\*\*

#### PACKET B

3. Mix contents of Packet B with dissolved contents of Packet A.
4. Mix for 10 minutes or until completely dissolved.

\* We recommend deionized H<sub>2</sub>O, although tap water will suffice.

\*\* If warm water is used, dissolving of the contents of Packet A will take approximately ½ the mixing time.

Hazards: Harmful by inhalation, incontact with skin and if swallowed.  
May cause sensitization by inhalation and skin contact.  
Potential Cancer Hazard.