



# H<sub>2</sub>Blue™

## Is Water Shortening the Life of your Clearing Agent?

(Rev. 12/6/18)

### H<sub>2</sub>BLUE™, THE PRODUCT AND ITS PURPOSE:

Many areas in America have humid environments. High humidity can cause havoc with chemicals and reagents used in cytology and histology laboratories. Clearing agents are especially vulnerable to water contamination from a variety of sources. Water transferred from one receptacle to another, absorbed from the air, or introduced from a stain dish not completely dried before refilling with a clearing agent, yields an unusable reagent. H<sub>2</sub>Blue™ is a new product that can double the life of two of the most widely used clearing agents, Xylene and non-hazardous Clearify™. H<sub>2</sub>Blue™ extracts water from Clearify™ and Xylene through a molecular static affinity for H<sub>2</sub>O. 10 grams of H<sub>2</sub>Blue™ in 500ml of Xylene will absorb up to 12.5 ml of water. 10 grams of H<sub>2</sub>Blue™ in 500ml of Clearify™ will absorb up to 10ml of water. H<sub>2</sub>Blue™ even lets you know when it has reached its capacity for extracting water. H<sub>2</sub>Blue™ can double the useful life of Clearify™ and Xylene.

### H<sub>2</sub>BLUE™, INSTRUCTIONS FOR USE:

Just add 10 grams of H<sub>2</sub>Blue™ to 500ml of Xylene or Clearify™. H<sub>2</sub>Blue™ will immediately begin to extract any absorbed water from the clearing agent into the tan colored beads. When the blue indicator beads lose their color, H<sub>2</sub>Blue™ has reached its maximum absorption point.

### H<sub>2</sub>BLUE™, PRECAUTIONS:

H<sub>2</sub>Blue™ is a non-hazardous product. After use, allow beads to dry in a fume hood, then place in any trash receptacle as non-hazardous waste. Laboratory clothing, including eye protection and gloves, should be worn when handling any clearing agent. Do not reuse this product.

### H<sub>2</sub>BLUE™, DISPOSAL:

Allow used H<sub>2</sub>Blue™ beads to dry in a fume hood, then place the beads in any trash receptacle for disposal as non-hazardous waste.

### H<sub>2</sub>BLUE™, EXPIRATION:

Keep the H<sub>2</sub>Blue™ lid tightly sealed at all times! The life span of H<sub>2</sub>Blue™ is dependent on local humidity conditions and proper care of the product. H<sub>2</sub>Blue™ has a 1 year shelf life if protected from moisture and humidity.

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