

### INTENDED USE

Pro-Soft Dehydrant can be used as a replacement for alcohol in tissue processing.

### PRODUCT SUMMARY

Tissues contain both bound and free water molecules. Optimal dehydration in tissue processing removes only the free water molecules. Excessive exposure to processing alcohols can strip bound water molecules from the tissue making it dry, brittle and difficult to section (overprocessed). Pro-Soft Dehydrant does not have the chemical properties to remove bound water, therefore overprocessing is prevented. Specimens processed with Pro-Soft Dehydrant will be easier to cut than tissues dehydrated with alcohol on a comparable schedule.

### INGREDIENTS

Ether and ester derivatives of propylene glycol, propanol

### WARNING

Irritant to eyes and skin. Not likely to pose an inhalation threat under normal conditions of use. Excessive inhalation of vapors can cause nasal and respiratory irritation. Prolonged exposure to skin can cause irritation and/or drying. Ingestion will irritate gastrointestinal tract.

For In Vitro Diagnostic Use.

### STORAGE

Flammable liquid. Keep from sparks and flames. Store at room temperature in a flammable cabinet. Keep containers tightly closed when not in use.

### DIRECTIONS FOR USE

1. Pro-Soft Dehydrant has been formulated to use full strength. Do not dilute.
2. Processing recommendations
  - a. Unlike alcohol, Pro-Soft Dehydrant will not fix tissues; therefore, specimens must be adequately fixed before dehydration. Alcoholic formalin is recommended at least in the second fixative station of the processor because it penetrates and fixes more rapidly than aqueous formalin. CBA Formalin (Anatech Catalog# 121) provides a cost-effective concentrate for buffered alcoholic formalin.
  - b. Initially replace all alcohol stations on the processor with Pro-Soft Dehydrant.
    - i. If fixation time does not provide complete fixation, use 70% alcohol as the first dehydrant followed by Pro-Soft Dehydrant.
    - ii. Subsequent use: discard only the first solution of Pro-Soft Dehydrant, moving the others down and filling the last station with fresh solution of Pro-Soft Dehydrant.

- iii. Rotation frequency is dependent upon the capacity of the processor, the number or cassettes per run, and the size of the specimens. Additionally, the water content of the fixative preceding the dehydrant will affect the useful life of the dehydrant. For help in determining your optimal rotation schedule, call Anatech's Technical Services Department for assistance.

3. Pro-Soft Dehydrant is not suitable as a replacement for alcohol in staining.

### DISPOSAL

Discard into the sanitary sewer system with approval of local wastewater officials.

Recycling via distillation is not possible because the boiling range of Pro-Soft Dehydrant (84–186°C) includes the boiling point of water (100°C).

### MSDS

MSDS are available online at [www.anatechltdusa.com](http://www.anatechltdusa.com)

### ORDERING INFORMATION FOR PRO-SOFT DEHYDRANT

<u>Cat#</u>	<u>Packaging</u>
310	1 gallon
311	Case/4 x 1 gallon
315	5 gallon drum
319	55 gallon drum