

## Mount-Quick Aqueous Mounting Medium - Technical Memo

**SOLUTION:** 30 cc Bottle  
Mount-Quick Aqueous Part 6271A

*For storage requirements and expiration date refer to individual product label.*

### **APPLICATION:**

Newcomer Supply Mount-Quick Aqueous is a ready-to-use liquid mounting medium for histological techniques that require an aqueous based mounting medium and when dehydrating and clearing agents will adversely affect the stain, such as: lipid/fat stains, crystal violet stains and solvent soluble immunoperoxidase chromogenic procedures.

Mount-Quick Aqueous mounting medium is not recommended for use in immunofluorescence procedures.

### **METHOD:**

**Technique:** Paraffin or frozen sections

### **PROCEDURE:**

1. Initial use of Mount-Quick Aqueous; with a clean blade, slice open the bottle tip at a slight angle in order to allow a controlled flow of mounting medium and minimal development of air bubbles.
  - a. *Keep Mount-Quick Aqueous tightly capped when not in use to avoid evaporation and maintain solution viscosity.*
2. Complete staining procedure and final rinsing step; blot excess water from slide edges.
3. Apply Mount-Quick Aqueous mounting medium to flow over and fully cover the tissue section.
4. Install coverglass, one edge first, allowing air bubbles to escape as the opposite edge is lowered to slide.
  - a. *See Procedure Note #1.*
5. Wipe off excess mounting medium from sides and bottom of slide.
  - a. *See Procedure Note #2.*
6. Dry slide in a horizontal position. Edges of the coverslip will dry sufficiently to hold the coverslip in place.
7. Prevent dried edges and accumulation of extraneous air bubbles that may form due to evaporation and long-term storage by sealing coverglass edges with a thin coat of clear nail polish/lacquer. Allow sealed slide to dry thoroughly before filing.

### **PROCEDURE NOTES:**

1. In lipid staining procedures, use minimal pressure when applying coverslip or fat/lipid staining may be displaced.
2. To remove trapped air bubbles under coverslip; soak slide in warm water until coverslip is easily removed. Blot excess water from slide and remount with new coverslip and Mount-Quick Aqueous.
3. Mount-Quick Aqueous refractive index (1.41) is close to that of glass (1.52).

### **REFERENCES:**

1. Bancroft, John D., and Marilyn Gamble. *Theory and Practice of Histological Techniques*. 6th ed. Oxford: Churchill Livingstone Elsevier, 2008. 693.
2. Carson, Freida L., and Christa Hladik Cappellano. *Histotechnology: A Self-Instructional Text*. 4th ed. Chicago: ASCP Press, 2015. 131-132, 183-185.
3. Modifications developed by Newcomer Supply Laboratory.



# MATERIAL SAFETY DATA SHEET

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## Section 1 - Identification of the preparation and company

Trade name: Mount Quick Aqueos  
Manufacturer: Daido Sangyo Co., Ltd.  
Emergency tel: +81 3 3984 0384  
Product code: Mount Quick Aqueos  
Use of substance / prepareate :  
Mounting medium for slide glass

## Section 2 - Hazards identification

Classification of the substance or mixture  
According to UN GHS criteria  
No need for classification according to GHS criteria for this product.

Label elements  
Globally Harmonized System (GHS)  
The product does not require a hazard warning label in accordance with GHS criteria.

Other hazards  
According to UN GHS criteria  
No specific dangers known, if the regulations/notes for storage and handling are considered.

## Section 3 - Composition / information on ingredients

Water	65.0%
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Polyvinyl pyrrolidone                      35,0%    CAS# 9003-39-8

#### Section 4 - First-aid measures

\* Skin contact:

In case of being contacted the skin, wash thoroughly with soap and water, liquid extremely.

\* Eye contact:

Irritating to eye, flush with plenty of water - call a physician.

\* If swallowed and emergency procedure

Rinse mouth and then drink 200-300 ml of water and seek medical help.

\* Antidote

No known specific antidote.

#### Section 5 – Fire-fighting measures

Extinguishing media

Suitable extinguishing media:

dry powder, foam

Unsuitable extinguishing media for safety reasons:

carbon dioxide

Additional information:

Avoid whirling up the material/product because of the danger of dust explosion.

Special hazards arising from the substance or mixture

Carbon dioxide, cyanides, nitrogen oxides, harmful vapours

The substances/groups of substances mentioned can be released in case of fire.

Evolution of fumes/fog.

Advice for fire-fighters

Special protective equipment:

Wear a self-contained breathing apparatus.

Further information:

The degree of risk is governed by the burning substance and the fire conditions.

Contaminated extinguishing water must be disposed of in accordance with

official regulations. Dusty conditions may ignite explosively in the presence of an ignition source causing flash fire.

#### Section 6 - Accidental release measures

Protect hand with glove and wipe it off with a waste.

Collect in the container which can be sealed.

#### Section 7 - Handling and storage

Handling:

- \* Keep away from heat and open flame and strong oxidants and small children directions.
- \* In case of skin contact flush with plenty of water.

Storage:

- \* Cool and dark area

#### Section 8 - Exposure controls / personal protection

Use in a well-ventilated place and keep from heat and open flame.

#### Section 9 - Physical and chemical properties

physical state:	liquid
appearance:	colorless
solubility in water(at20°C):	100%
boiling point:	100°C
melting point or freezing point:	-1°C
specific gravity:	1.5
pH:	7.0
vapour pressure(at 20°C):	17 mmHg

#### Section 10 - Stability and reactivity

Conditions / substances to avoid:

Stable under normal conditions.

Use in well ventilated area and keep from heat and open flame.

Section 11 - Toxicological information

Not available

Section 12 - Ecological information

Not available

Section 13 - Disposal considerations

Observe all state and local environmental regulations regarding waste disposal.

Section 14 - Transport information

IATA: not restricted

UN number, hazard class, packing group

\* Polyvinyl pyrrolidone                      none

Section 15 - Regulatory information

Depends on the laws and ordinances of each country

Section 16 - Other information

none