



# Material Safety Data Sheet

## Section 1. Chemical Product and Company Identification

Product Identifier: D101: DAPI, (4'6'-diamidino-2-phenylindole dihydrochloride) 5000X.  
 Product Use: Contact supplier for specific applications.  
 Manufacturer/Supplier: Waterborne™, Inc.  
 Office Address: 6045 Hurst Street, New Orleans, LA 70118, USA  
 Laboratory Address: 924 Valmont Street, Ste 101A, New Orleans, LA 70115, USA  
 Telephone / FAX: (504) 895-3338

Revision Date: 6/17/08

Emergency Phone: 1-866-895-3338

## Section 2. Composition/Information on Ingredients

Chemical Identity / Common Name	CAS Number	(NIOSH) REL	ACGIH TLV
4'6'-diamidino-2-phenylindole dihydrochloride	28718-90-3	NA	NA
Methanol	67-56-1	TWA 200 ppm (260 mg/m3) TWA , 6000 ppm IDLH [skin]	200 ppm (TWA), 260 mg/m3 TWA [skin]

## Section 3. Hazards Identification

Carcinogenic Information: Not a carcinogenic hazard.

## Section 4. First Aid Measures

Ventilation: Natural ventilation.  
 Eyes: Splash goggles.  
 Respiratory: None for use with small volumes.  
 Body: Gown or lab coat.  
 Hands: Gloves.

## Section 5. Fire Fighting Measures

Fire & Explosion Information: Danger flammable liquid and vapor.

## Section 6. Accidental Release Measures

Handling: Avoid contact with eyes, skin, clothing and ingestion of material. Wash hands after handling.  
 Spill or Leak: Absorb spill or leak with inert material and place in suitable container.

## Section 7. Handling & Storage

Handling: Gloves, protective clothing and eyewear are recommended while using this product. Wash hands after use.  
 Packaging: Use original container. Keep container securely closed.  
 Storage: **Do not freeze.** Store at 4 ° C.

## Section 8. Exposure Controls / Personal Protection

Exposure Limits: ACGIH TLV, OSHA PEL, Other: not determined	Eye Protection: Protective glasses.
Respiratory: No special equipment needed when handling small volumes.	Body: Apron, gown or lab coat.
	Hands: Gloves.

## Section 9. Physical / Chemical Properties

Physical State: Liquid	pH: Not Determined.	Specific Gravity: Not Determined.
Odor/Appearance: None	Boiling Point: Not Determined.	Vapor Pressure: Not Determined.
Solubility in Water: Not Determined	Melting Point: Not Determined.	Flash Point: Not Determined.

## Section 10. Stability & Reactivity

Chemical Stability: Stable under normal temperatures and pressures.	Hazardous Decomposition Products: None known.
Conditions to Avoid: None known.	Hazardous Polymerization: Will not occur.
Incompatibilities: None known.	

## Section 11. Toxicological Information

Not classifiable as a human carcinogen. No other toxicological information is available at this time. Handle with care and take appropriate cautions. Hazardous in case of ingestion.

## Section 12. Ecological Information

No data available.

## Section 13. Disposal Information

Waste Disposal: Consult local, state or federal regulations for proper disposal.

## Section 14. Transport Information

DOT: None. This substance is considered to be non-hazardous for transport.  
 Other Information: Shipped with gel packs.

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**Section 15. Regulatory Information**

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OSHA: Not Listed  
CERCLA: Not Listed  
TSCA: Material in this product is listed on TSCA inventory.  
SARA: Not Listed  
WHMIS: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.  
DSL: No  
NDSL: No

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**Section 16. Other Information**

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*The information included in this document is based on experience and testing. To the best of our knowledge, the information contained in this document is accurate. However, the above named supplier does not assume liability for the accuracy or completeness of the information contained herein. All materials may present unknown hazards and should be used with caution.*

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