

**1. IDENTIFICATION**

<b>Product Name</b>	Differential Rapid Blood Stain, Solution B
<b>Product Code</b>	HCSS2291
<b>Recommended Use</b>	For laboratory, scientific, R&D or manufacturing use.
<b>Company</b>	Histology Connections, LLC 21 Collins Industrial Pl. Suite 5A Maumelle, AR 72113 1 (833) 447-8656
<b>Emergency Telephone</b>	Call CHEMTREC 1-800-424-9300 (International: Call collect 703-527-3887)

**2. HAZARDS IDENTIFICATION****Classification****OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Label elements**

Although this product does not normally require specific hazard precautions, chemical users should always take care to minimize personnel exposure and workplace contamination. Store tightly closed at 15-30C.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight-%
Water	7732-18-5	>95
Potassium phosphate, monobasic	7778-77-0	<1
Sodium Phosphate, dibasic	7558-79-4	<1
Methylene blue	7220-79-3	<1
Azure A	531-53-3	<1

**4. FIRST AID MEASURES****Description of first aid measures**

<b>General advice</b>	This chemical is not expected to produce any significant adverse health effects.
<b>Eye contact</b>	Flush eyes with plenty of water, removing contact lenses if present. Get medical attention if irritation develops.
<b>Skin contact</b>	Wash thoroughly with soap and water while removing contaminated garments. Get medical attention if irritation develops.
<b>Inhalation</b>	Remove to fresh air. Get medical attention for any breathing difficulty.
<b>Ingestion</b>	Rinse mouth and drink several glasses of water. Contact a physician or poison control center if symptoms develop.

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

**Specific hazards arising from the chemical**

No Data Available.

**Protective equipment and precautions for firefighters**

Firefighters should wear self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive pressure mode.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Use personal protective equipment as required.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

**7. HANDLING AND STORAGE**

**Precautions for safe handling** Handle in accordance with good industrial hygiene and safety practice.

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials** None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Occupational exposure limits** Not applicable

**Appropriate engineering controls**

**Engineering Controls** Emergency showers, eyewash stations, ventilation systems.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid
<b>Appearance</b>	Blue liquid
<b>Odor</b>	No Data Available
<b>Odor threshold</b>	No Data Available
<b>pH</b>	No Data Available
<b>Melting point / freezing point</b>	No Data Available
<b>Boiling point / boiling range</b>	No Data Available
<b>Flash point</b>	No Data Available
<b>Evaporation rate</b>	No Data Available
<b>Flammability (solid, gas)</b>	No Data Available
<b>Flammability Limit in Air</b>	
<b>Upper flammability limit:</b>	No Data Available
<b>Lower flammability limit:</b>	No Data Available
<b>Vapor pressure</b>	No Data Available

Vapor density	No Data Available
Relative density	No Data Available
Water solubility	Miscible with water
Solubility in other solvents	No Data Available
Partition coefficient	No Data Available
Autoignition temperature	No Data Available
Decomposition temperature	No Data Available
Kinematic viscosity	No Data Available

**10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	No Data Available.
<b>Conditions to avoid</b>	Extremes of temperature and direct sunlight
<b>Incompatible materials</b>	None known based on information supplied.
<b>Hazardous Decomposition Products</b>	None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure

Component	Oral LD50	Dermal LD50	Inhalation LC50
-	> 90 mL/kg ( Rat )	-	-
-	= 3200 mg/kg ( Rat )	> 4640 mg/kg ( Rabbit )	-
-	= 17 g/kg ( Rat )	-	-

**Symptoms** No Data Available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Skin corrosion/irritation</b>	No Data Available.
<b>Serious eye damage/eye irritation</b>	No Data Available.
<b>Irritation</b>	No Data Available.
<b>Sensitization</b>	No Data Available.
<b>Germ cell mutagenicity</b>	No Data Available.
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen

Chemical Name	ACGIH	IARC	NTP	OSHA
Methylene blue 7220-79-3	-	Group 3	-	-

IARC (International Agency for Research on Cancer)  
Group 3 - Not classifiable as to carcinogenicity in humans

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**  
No information available

**Persistence and degradability**  
No Data Available.

**Bioaccumulation**  
No Data Available.

**13. DISPOSAL CONSIDERATIONS**

Waste treatment methods

**Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**

**Note:** Transportation information is provided as a general reference only and may not be applicable in all situations. This information applies to non-bulk shipments only. Per 49 CFR §173.22, it is the shipper's responsibility to ensure that all materials are properly packaged, classified and labeled prior to shipment.

**DOT** Not regulated

**IATA** Not regulated

**15. REGULATORY INFORMATION**

No Data Available.

**16. OTHER INFORMATION**

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**Disclaimer**

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**End of Safety Data Sheet**