

1. CHEMICAL AND COMPANY IDENTIFICATION

Product Identification: ThinPrep® Stain Bluing Solution

Trade Name/Chemical Family/Synonyms: ThinPrep® Stain Bluing Solution

Product Description: An alkaline aqueous solution.

Product Use: The staining of cytological slide specimens.

Manufacturer: Hologic Inc.
250 Campus Drive
Marlborough, Massachusetts 01752
USA
Telephone: 800-442-9892

EMERGENCY TELEPHONE NUMBERS: For Health/Transportation/Chemical Spills
(24 hours a day and 7 days a week) (Multilingual capabilities and free calls accepted)
Continental United States: (800) 424-9300
Outside of continental United States: +(703) 527-3887

2. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical	CAS Registry #	Wt. %
Water	7732-18-5	> 99
Lithium Carbonate	554-13-2	< 1.0

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: None of the ingredients at the concentrations found in this product are hazardous or has been found to be a carcinogen or potential carcinogen by IARC. None is listed on the National Toxicology Program's (NTP) Report on Carcinogens, or regulated by OSHA as a carcinogen.

4. FIRST AID MEASURES

Inhalation: None required.

Eye Contact: Immediately flush with clean water for at least 15 minutes. Get medical aid.

Skin Contact: No ill effects anticipated. If symptoms develop, wash skin with mild soap and warm water.

Ingestion: No ill effects anticipated. If symptoms develop, seek medical aid. .

Notes to Physician: None.

5. FIRE FIGHTING MEASURES

Flammability: Not applicable- Not combustible

Explosion Data: Not applicable.

General Hazard: Not applicable – Non- hazardous.

Fire Fighting Instructions: No special equipment required.

Fire Fighting Equipment: No special equipment required.

Extinguishing Media: Use dry chemical, alcohol foam, carbon dioxide, foam, water or water fog.

NFPA Hazard Rating: Health – 1
(National Fire Protection Association) Flammability – 0
Reactivity – 0
Special Information – None

0=Insignificant
1=Slight
2=Moderate
3=High
4=Extreme
U=Unknown *=No Information

Special Information: None

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear recommended personal protective equipment and avoid contact with eyes.

Environmental Precautions: Prevent runoff from entering waterways.

Methods for Containment: Contain and recover liquid when possible. Dike large spills with clay. Absorb small spills with clay or kitty litter.

Methods for Clean-Up: Scoop up with tools and equipment then place into a suitable container for disposal.

Other Information: Follow local, state, provincial and federal guidelines for all spills.

7. HANDLING AND STORAGE

Handling: KEEP OUT OF THE REACH OF CHILDREN. Wear recommended personal protective equipment and avoid contact with eyes.

Storage: Store away from excessive heat and sources of ignition. Keep container closed and protect from damage.
Storage temperature: 59 – 86°F (15 – 30°C)

8. EXPOSURE CONTROLS / PERSONAL PROTECTIVE EQUIPMENT

Engineering Controls: Ordinary measures of personal hygiene are adequate.

Personal Protective Equipment: Ordinary measures of personal hygiene are adequate.

Exposure limit values: There are no exposure limits for the ingredients of this solution.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear,
Odor: Not applicable
Specific Gravity (Water=1): 1.0 at 24°C
Solubility in Water: Complete
Freezing Point (°F/°C): Not available
Evaporation Rate (BuAc=1): Not available
Viscosity: Not available
Lower Flammability Limit: Not available
Coefficient of Water/Oil Distribution: Not available

Color: Colorless
Physical State: Liquid
VOC Content, wt. %: Not available
Vapor Density (Air=1): Not available
Vapor Pressure mm/Hg: Not available
pH: 9
Boiling Point (°F/°C): 212°F (100°C)
Upper Flammability Limit: Not available
Auto-ignition Temperature: Not available

10. STABILITY AND REACTIVITY

General Stability:	Stable
Conditions To Avoid:	Non-reactive
Incompatible Materials:	Non-reactive
Hazardous Decomposition Products:	May form carbon dioxide and carbon monoxide.
Hazardous Polymerization:	Will not occur.

11. TOXICOLOGICAL INFORMATION

For Lithium Carbonate: Product not tested as a mixture

Oral:	LD50 Rat: 525 mg/kg LD50 Mouse: 531 mg/kg
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12. ECOLOGICAL INFORMATION

Ecotoxicity:	For Lithium Carbonate- No known aquatic toxicity.
Persistence/ Degradability:	No data available.
Bioaccumulation/ Accumulation:	No data available.
Mobility in Environment:	No data available.

13. DISPOSAL CONSIDERATION

Disposal Instructions:	Dispose of container and unused contents in accordance with local, state, provincial, and federal laws.
RCRA Hazardous Waste if Discarded?	No

14. TRANSPORTATION INFORMATION

The product is non-hazardous.

15. REGULATORY INFORMATION

USA:	The MSDS was prepared pursuant to the Hazardous Communication Standard (29 CFR 1910.1200).
Toxic Substances Control Act (TSCA):	All ingredients listed on TSCA inventory.
CERCLA:	Not listed.
SARA 311 Status:	Not listed.
SARA 313:	Lithium carbonate has a form R reporting requirement for 1.0% de minimis concentration.
State Issues:	Listed for California Proposition 65 for developmental toxicity; initial date 1/1/91.

WHMIS Status (Canada): A controlled product. Classification: D2B
This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Foreign Chemical Inventories: All ingredients are listed on the chemical inventories of the following countries:
Canada (DSL)
Japan
European Union
Australia

16. OTHER INFORMATION

Current Issue Date: February, 2010
Previous Issue Date: Initial Hologic
Other Information: None

Information Note: Where no corresponding data was contained in manufacturer's MSDS, additional research is required and available upon request. THE INFORMATION RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY ONESELF AS TO THE SUITABILITY AND COMPLETENESS OF THIS INFORMATION FOR HIS OR HER OWN PARTICULAR USE.