

**1. CHEMICAL AND COMPANY IDENTIFICATION**

**Product Identification:** ThinPrep® Stain Rinse Solution  
**Trade Name/Chemical Family/Synonyms:** ThinPrep® Stain Rinse Solution  
**Product Description:** An aqueous surfactant 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
Proprietary surfactant	Not applicable	Prop.

**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:** 3.5  
**Boiling Point (°F/°C):** 212°F (100°C)  
**Upper Flammability Limit:** Not available  
**Auto-ignition Temperature:** Not available

**10. STABILITY AND REACTIVITY**

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

**11. TOXICOLOGICAL INFORMATION**

This product is non-hazardous.

**12. ECOLOGICAL INFORMATION**

<b>Ecotoxicity:</b>	No known aquatic toxicity.
<b>Persistence/ Degradability:</b>	No data available.
<b>Bioaccumulation/ Accumulation:</b>	No data available.
<b>Mobility in Environment:</b>	No data available.

**13. DISPOSAL CONSIDERATION**

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

**14. TRANSPORTATION INFORMATION**

The product is non-hazardous.

**15. REGULATORY INFORMATION**

<b>USA:</b>	The MSDS was prepared pursuant to the Hazardous Communication Standard (29 CFR 1910.1200).
<b>Toxic Substances Control Act (TSCA):</b>	All ingredients listed on TSCA inventory.
<b>CERCLA:</b>	Not listed.
<b>SARA 311 Status:</b>	Not listed.
<b>SARA 313:</b>	Not applicable.
<b>State Issues:</b>	No known listings.
<b>WHMIS Status (Canada):</b>	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**

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**Current Issue Date:** March, 2010

**Previous Issue Date:** Initial Hologic

**Other Information:** None

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**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.