



## Results That Rock!

### Material Safety Data Sheet

Date revised: 9-01-08

#### Section 1

##### Contact Information

ProHisto, LLC  
7001 St. Andrews Rd.  
Ste. 333  
Columbia, SC 29212  
803-407-0506

##### Identification of the Substance

Catalog number: AA4  
Product name: Amplifying IHC Wash Buffer

#### Section 2

##### Composition of Ingredients

##### Hazardous/Non-Hazardous Components

This product contains no substances which at their final concentration, are considered to be hazardous to health.  
This product is composed of a tris- saline buffer containing Tween-20.

#### Section 3

##### Hazards Identification

##### Emergency Overview

This product contains no substances which at their final concentration, are considered to be hazardous to health.

**Routes of Entry:** Absorbed through skin. Eye contact. Inhalation. Ingestion.

##### Potential Health Effects:

**Eyes:** Not available.

**Skin:** Not available.

**Inhalation:** Not available.

**Ingestion:** Not available.

##### Specific Effects:

**Carcinogenic effects:** Not available.

**Mutagenic effects:** Not available.

**Reproductive toxicity:** Not available.

**Sensitization:** Not available.

**Target Organ Effects:** Not available.

#### Section 4

##### First Aid Measures

**Skin contact:** Wash off with water.

**Eye contact:** Rinse thoroughly with water, preferably at an eye wash station.

**Ingestion:** Immediately contact medical professional. Never give anything by mouth to an unconscious person.

**Notes to physician:** Not available.

#### Section 5

##### Fire-Fighting Measures

**Suitable extinguishing material:** Dry chemical

**Special protective equipment for fire-fighters:** Wear self-contained breathing apparatus and protective suit.

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## Section 6

### Accidental Release Measures

**Personal Precautions:** Use personal protective equipment.

**Method for cleaning spill:** Soak with inert absorbent material.

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## Section 7

### Handling and Storage

**Handling:** No special handling advice required.

**Storage:** Store at room temperature in properly labeled container.

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## Section 8

### Exposure Controls and Personal Protection

**Engineering controls:** Ensure adequate ventilation is available. Ensure eyewash stations and safety showers are proximal to work-station locations.

#### Personal Protection:

**Eyes:** Splash goggles or safety glasses with side shields.

**Body:** Lab coat.

**Hands:** Latex or nitrile gloves.

**Respiratory:** Respirator is not needed if exposure is kept below established limits.

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## Section 9

### Physical and Chemical Properties

#### General Information

**Form:** Liquid

#### Health Safety and Environmental Information

**Boiling point/range:** No data available.

**Melting point/range:** No data available.

**Flash point:** No data available.

**Auto ignition temperature:** No data available.

**Oxidizing properties:** No data available.

**Water solubility:** Soluble.

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## Section 10

### Stability and Reactivity

**Stability:** Stable.

**Materials to avoid:** No data available.

**Hazardous decomposition products:** No data available.

**Polymerization:** Hazardous polymerization does not occur.

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## Section 11

### Toxicological Information

#### Acute toxicity

**Principle routes of exposure/Potential health effects**

**Eyes:** Not available.  
**Skin:** Not available.  
**Inhalation:** Not available.  
**Ingestion:** Not available.

**Specific Effects**

**Carcinogenic effects:** Not available.  
**Mutagenic effects:** Not available.  
**Reproductive toxicity:** Not available.  
**Sensitization:** Not available.

**Target Organ effects:** No data available.

**Note on toxicological effects on humans**

To the best of our knowledge, the toxicological properties of this product have not been thoroughly investigated.

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**Section 12**

**Ecological Information**

**Ecotoxicity:** No data available.  
**Mobility:** No data available.  
**Biodegradation:** Inherently biodegradable.  
**Bioaccumulation:** Does not bioaccumulate.

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**Section 13**

**Disposal Considerations**

Dispose of in accordance to local, state, and federal regulations.

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**Section 14**

**Transport Information**

**IATA**

**Proper shipping name:** Not classified as dangerous in the meaning of transport regulations.  
**Hazard class:** No data available.  
**Subsidiary Class:** No data available.  
**Packing Group:** No data available.  
**UN-No:** No data available.

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**Section 15**

**HCS Classification:**

<b>Irritating substance.</b> <b>Target organ effects.</b>
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**Label requirements (Europe)**

R20- Harmful by inhalation.  
R34- Causes burns.  
S1/2- Keep away from children.  
S26- In case of contact with eyes, rinse immediately with water and seek medical advice.  
S36/37- Wear suitable protective clothing and gloves.  
S39- Wear eye/ face protection.  
S45- In case of accident or if you feel unwell, seek medical advice.  
S46- If swallowed, seek medical advice immediately.

U.S. Federal Regulations:  
TSCA 8(b) inventory: Tris-Hcl, Tween-20, DIUF Water.

