



**TRANSGENOMIC**  
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**SPECTRUMEDIX HTCE WASH BUFFER MSDS**

**MATERIAL SAFETY DATA SHEET**

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Effective Date: 19-Apr-07  
Document No.: MSD-55302  
Revision No.: 1

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**SECTION 1. CHEMICAL IDENTIFICATION**

CATALOG #: M55302-500  
NAME: SPECTRUMEDIX HTCE WASH BUFFER

**SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS**

CAS#: Not assigned POLYMER, 2-10%  
MF: Trade Secret  
EC NUMBER (EINECS): Not assigned  
EC INDEX NUMBER: Not assigned

CAS#: Not assigned PROCLIN 300, .05%  
EC NUMBER (EINECS): Not classified  
EC INDEX NUMBER: Not classified

CAS#: 7732-18-5 WATER,  
MF: H2O  
EC NUMBER (EINECS): 231-791-2  
EC INDEX NUMBER: Not classified

**SECTION 3. HAZARDS IDENTIFICATION**

LABEL PRECAUTIONARY STATEMENTS:

Irritant.  
Irritating to eyes, respiratory system, and skin.

ROUTES OF ENTRY: Inhalation, absorption, and ingestion.

NFPA Ratings (SCALE 0-4):

HEALTH=1  
FIRE=0  
REACTIVITY=0



## **SPECTRUMEDIX HTCE WASH BUFFER MSDS**

**MAJOR HEALTH HAZARDS:** The toxicological properties of this product have not been thoroughly investigated. Use appropriate precautions.

**POTENTIAL HEALTH EFFECTS:**

**-INHALATION:**

Short Term Exposure: no information is available.

Long Term Exposure: no information on significant adverse effects.

**-SKIN CONTACT:**

Short Term Exposure: irritation

Long Term Exposure: no information on significant adverse effects

**-EYE CONTACT:**

Short Term Exposure: irritation

Long Term Exposure: no information on significant adverse effects

**-INGESTION:**

**CARCINOGEN STATUS:**

-OSHA: No.

-NTP: Not classifiable.

-IARC: Not classifiable.

### **SECTION 4. FIRST-AID MEASURES**

**SEEK MEDICAL ASSISTANCE FOR ANY OVEREXPOSURE.**

**SKIN:** Wash thoroughly with soap and water.

**EYES:** Immediately flush thoroughly with water for at least 15 minutes. Call a physician.

**INGESTION:** Contact local Poison Control Center or physician immediately. Never give anything by mouth to an unconscious person.

**INHALATION:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, call a physician.

### **SECTION 5. FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Alcohol resistant foam, carbon dioxide, regular dry chemical or water.

**SPECIAL FIREFIGHTING PROCEDURES:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Emits toxic fumes under fire conditions.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Hazardous polymerization will not occur. Solution is not flammable.



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### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Evacuate all unnecessary personnel. Wear a respirator, chemical safety goggles, rubber boots and rubber gloves. Absorb with sand or vermiculite and place in a closed container. Wash spill site with soapy water.

### **SECTION 7. HANDLING AND STORAGE**

Store and handle in accordance with all current regulations and standards. Keep separated from incompatible substances. See original container for storage recommendations.

### **SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

EXPOSURE LIMIT: No occupational exposure limits established.

VENTILATION: Provide local exhaust ventilation system.

EYE PROTECTION: Wear chemical resistant safety goggles.

GLOVES: Wear appropriate chemical resistant gloves.

SAFETY SHOWER AND EYE BATH.

NIOSH/MSHA-APPROVED RESPIRATOR.

AVOID CONTACT WITH EYES, SKIN AND CLOTHING.

IRRITANT.

### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: Colorless liquid.

ODOR: No data.

BOILING POINT: No data.

WATER SOLUBILITY: Water soluble.

PH: 4 – 4.6

### **SECTION 10. STABILITY AND REACTIVITY**

REACTIVITY: Stable at normal temperatures and pressure.

CONDITIONS TO AVOID: Avoid heat, flames, sparks and other sources of ignition.

Minimize contact with material. Avoid inhalation. Keep out of water supplies and sewers.

INCOMPATIBILITIES: Oxidizing agents.

HAZARDOUS POLYMERIZATION: Will not occur.

DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, hydrogen chloride gas, and oxides of sulfur and nitrogen.



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### **SECTION 11. TOXICOLOGICAL INFORMATION**

#### HEALTH EFFECTS:

Skin Contact: Causes skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: Causes eye irritation.

Inhalation: May be harmful if inhaled. Material is irritating to mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

#### SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

#### TARGET ORGAN(S) OR SYSTEM(S)

Teeth, kidneys, liver, spleen, lung, bone marrow.

#### CHRONIC EXPOSURE - CARCINOGEN

Result: This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

### **SECTION 12. ECOLOGICAL INFORMATION**

DATA NOT YET AVAILABLE.

### **SECTION 13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with all applicable regulations.

### **SECTION 14. TRANSPORTATION INFORMATION**

U.S. DOT 49 CFR 172.101: Not Regulated.

LAND TRANSPORT: Not Regulated.

AIR TRANSPORT: Not Regulated.

MARITIME TRANSPORT: Not Regulated.

### **SECTION 15. REGULATORY INFORMATION**

#### EU ADDITIONAL CLASSIFICATION

Symbol of Danger: Xi

Indication of Danger: Irritant.



## **SPECTRUMEDIX HTCE WASH BUFFER MSDS**

R: 36/37/38

Risk Statements: Irritating to eyes, respiratory system and skin.

S: 22-24/25

Safety Statements: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.

### US CLASSIFICATION AND LABEL TEXT

Indication of Danger: Irritant.

Risk Statements: Irritating to eyes, respiratory system and skin.

Safety Statements: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.

### UNITED STATES REGULATORY INFORMATION

SARA LISTED: No

TSCA INVENTORY ITEM: Yes

### CANADA REGULATORY INFORMATION

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

DSL: Yes

NDSL: No

## **SECTION 16. OTHER INFORMATION**

The above information is believed to be correct and shall be used only as a guide. The information may be inclusive. Transgenomic, Inc. shall not be held liable for any damage resulting from handling or from contact with the above material.



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