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# SAFETY DATA SHEET

Revision Date 22-Jun-2015

Version 1

## 1. IDENTIFICATION

**Product Name** Wright Stain Buffer Solution, pH 6.8  
**Product Code** 15386  
**Recommended Use** For laboratory, scientific, R&D or manufacturing use.  
**Company** E K Industries, Inc.  
1403 Herkimer St.  
Joliet, IL 60432  
Tel. (800) 283-4244  
**Emergency Telephone** Call CHEMTREC 1-800-424-9300 (EKI CCN 7453)

## 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.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                  | CAS No.   | Weight-% |
|--------------------------------|-----------|----------|
| Water                          | 7732-18-5 | >98      |
| Sodium Phosphate, dibasic      | 7558-79-4 | <2       |
| Potassium phosphate, monobasic | 7778-77-0 | <2       |

## 4. FIRST AID MEASURES

### Description of first aid measures

#### **General advice**

This chemical is not expected to produce any significant adverse health effects.

#### **Eye contact**

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>   | This chemical is not expected to produce any significant adverse health effects.  |
| <b>Ingestion</b>    | This chemical is not expected to produce any significant adverse health effects.  |

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

## 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 information 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.

|                    |                         |                       |                      |   |
|--------------------|-------------------------|-----------------------|----------------------|---|
| <b><u>NFPA</u></b> | <b>Health hazards</b> 0 | <b>Flammability</b> 0 | <b>Instability</b> 0 | <b>Physical and Chemical Properties</b> - |
|--------------------|-------------------------|-----------------------|----------------------|---|

## 6. ACCIDENTAL RELEASE MEASURES

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

**Personal precautions** Ensure adequate ventilation, especially in confined areas.

**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** Absorb spill with inert material, scoop up and containerize for disposal.

## 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** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

**Appropriate engineering controls**

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

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** No special technical protective measures are necessary.

**Skin and body protection** No special technical protective measures are necessary.

**Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**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>                     | Clear, colorless         |
| <b>Odor</b>                           | No information available |
| <b>Odor threshold</b>                 | No information available |
| <b>pH</b>                             | No information available |
| <b>Melting point / freezing point</b> | No information available |
| <b>Boiling point / boiling range</b>  | No information available |
| <b>Flash point</b>                    | No information available |
| <b>Evaporation rate</b>               | No information available |
| <b>Flammability (solid, gas)</b>      | No information available |
| <b>Flammability Limit in Air</b>      |                          |
| <b>Upper flammability limit:</b>      | No information available |
| <b>Lower flammability limit:</b>      | No information available |
| <b>Vapor pressure</b>                 | No information available |
| <b>Vapor density</b>                  | No information available |
| <b>Relative density</b>               | No information available |
| <b>Water solubility</b>               | Miscible with water      |
| <b>Solubility in other solvents</b>   | No information available |
| <b>Partition coefficient</b>          | No information available |
| <b>Autoignition temperature</b>       | No information available |
| <b>Decomposition temperature</b>      | No information available |
| <b>Kinematic viscosity</b>            | No information available |

## 10. STABILITY AND REACTIVITY

|   |  |
|---|--|
| <b>Stability</b>                          | Stable under recommended storage conditions. |
| <b>Possibility of Hazardous Reactions</b> | None under normal processing.                |
| <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

|                     |                    |
|---------------------|--------------------|
| <b>Inhalation</b>   | No data available. |
| <b>Eye contact</b>  | No data available. |
| <b>Skin contact</b> | No data available. |
| <b>Ingestion</b>    | No data available. |

| Chemical Name                               | Oral LD50         | Dermal LD50             | Inhalation LC50 |
|---|-------------------|-------------------------|-----------------|
| Sodium Phosphate, dibasic<br>7558-79-4      | = 17 g/kg ( Rat ) | -                       | -               |
| Potassium phosphate, monobasic<br>7778-77-0 | -                 | > 4640 mg/kg ( Rabbit ) | -               |

**Information on toxicological effects****Delayed and immediate effects as well as chronic effects from short and long-term exposure**

|                               |   |
|-------------------------------|---|
| <b>Sensitization</b>          | No information available.   |
| <b>Germ cell mutagenicity</b> | No information available.   |
| <b>Carcinogenicity</b>        | This chemical does not contain any carcinogens or potential carcinogens as listed by ACGIH, OSHA, IARC or NTP |

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

No information available

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects**

No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

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

**Contaminated packaging** Do not reuse container. Emptied containers may contain residue. Continue to follow label warnings after container is emptied.

## 14. TRANSPORT INFORMATION

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

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

|                                   |    |
|-----------------------------------|----|
| Acute health hazard               | No |
| Chronic Health Hazard             | No |
| Fire hazard                       | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard                   | No |

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical Name                          | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|--|-----------------------------|------------------------|---------------------------|----------------------------|
| Sodium Phosphate, dibasic<br>7558-79-4 | 5000 lb                     | -                      | -                         | X                          |

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical Name                          | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)                   |
|--|--------------------------|----------------|--|
| Sodium Phosphate, dibasic<br>7558-79-4 | 5000 lb                  | -              | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

No information available

| Chemical Name                          | New Jersey | Massachusetts | Pennsylvania |
|--|------------|---------------|--------------|
| Sodium Phosphate, dibasic<br>7558-79-4 | X          | X             | X            |

**16. OTHER INFORMATION****Prepared By**

EKI Regulatory Affairs (Email: reg@eki-chem.com)

**Revision Date**

22-Jun-2015

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**End of Safety Data Sheet**