1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier
- Product Name: ProWash™
- Other Means of Identification
  - SDS #: PW/SDS/I03
  - Product Code: PW

Recommended Use of the Chemical and Restrictions on Use
- Recommended Use: Multi-Purpose Instrument Detergent And Cart Wash.

Details of the Supplier of the Safety Data Sheet
- Supplier Address: Certol International, LLC.
  - 6120 East 58th Avenue
  - Commerce City, Colorado 80022
  - www.Certol.com
  - Phone: 303-799-9401
  - Toll-Free: 1-800-843-3343
  - Fax: 303-799-9408

2. HAZARDS IDENTIFICATION

Classification
This chemical does not meet the hazardous criteria set fourth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetrapotassium Pyrophosphate</td>
<td>7320-34-5</td>
<td>*</td>
</tr>
<tr>
<td>Trisodium Nitrilotriacetate</td>
<td>5064-31-3</td>
<td>*</td>
</tr>
</tbody>
</table>

*The exact percentage is a trade secret.

4. FIRST AID MEASURES

**Inhalation**
Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Call a physician or Poison Control Center immediately.

**Eye Contact**
Immediately flush with plenty of water. Remove any contact lenses and continue flushing for several minutes and call a physician immediately.

**Ingestion**
Rinse mouth and drink plenty of water. Do not induce vomiting. Never give anything by mouth to a person who is unconscious. Call a physician or Poison Control Center immediately.

**Skin Contact**
Wash off immediately with plenty of water for several minutes. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: get medical attention.

**Symptoms**
May cause mild skin irritation. May cause eye irritation. Inhalation may cause respiratory tract irritation. Ingestion may cause nausea.

**Note to Physician**
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Use water, CO₂, dry chemical or foam to extinguish.

**Unsuitable Extinguishing Media**
Not Determined.

**Specific Hazards Arising from the Chemical**
None Known.

**Protective Equipment and Precautions for Firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions
- Use personal protective equipment as required.
- The wet, contaminated surface may be slippery.
- Restrict access to spill area. Ventilate the area.
- Prevent entry into waterways, sewers, basements or confined areas.

For Emergency Responders
- Prevent further leakage or spillage if safe to do so.
- Absorb with inert material. Shovel or sweep spills.Flush remainder with plenty of water.

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 with inert material. Shovel or sweep spills. Flush remainder with plenty of water.

7. HANDLING AND STORAGE

Precautions for Safe Handling
- Handle in accordance with good industrial hygiene and safety practices.
- Keep out of the reach of children and pets.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions
- Keep container tightly closed and store in a dry, cool and well-ventilated place away from incompatible materials.

Incompatible Materials
- Strong acids, oxidizers and alkalis.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetrapotassium Pyrophosphate</td>
<td>10 mg/m³ (inhale) TWA</td>
<td>15 mg/m³ (inhale) TWA</td>
<td>N/A</td>
</tr>
<tr>
<td>7320-34-5</td>
<td>3 mg/m³ (respirable) TWA</td>
<td>5 mg/m³ (respirable) TWA</td>
<td></td>
</tr>
</tbody>
</table>

Appropriate Engineering Controls

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection
- Wear goggles, chemical safety glasses or a face protection shield.
- Chemical resistant, non-latex and impermeable gloves.
- Wear appropriate clothing to prevent repeated or prolonged skin contact.

Respiratory Protection
- Under normal conditions a respirator is not normally required.
- A mask or respirator may be used if vapor concentration is high.

General Hygiene Considerations
- Handle in accordance with good industrial hygiene and safety practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Property</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>8.0 - 9.0 (77°F/25°C)</td>
<td>Specific Gravity</td>
<td>1.09 (60°F/15.5°C)</td>
</tr>
<tr>
<td>Melting Point / Freezing Point</td>
<td>&lt;-23°F / &lt; -5 °C</td>
<td>Water Solubility</td>
<td>Completely Soluble.</td>
</tr>
<tr>
<td>Boiling Point / Boiling Range</td>
<td>195 °F / 90 °C</td>
<td>Partition Coefficient</td>
<td>Not Determined.</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not Flammable.</td>
<td>Autoignition Temperature</td>
<td>Not Flammable.</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>&lt; 1</td>
<td>Decomposition Temperature</td>
<td>Not Determined.</td>
</tr>
<tr>
<td>Flammability (Solid/Gas)</td>
<td>N/A - Liquid.</td>
<td>Kinematic Viscosity</td>
<td>Not Determined.</td>
</tr>
<tr>
<td>Flammability Limits In Air</td>
<td>Not Flammable.</td>
<td>Dynamic Viscosity</td>
<td>Not Determined.</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not Determined.</td>
<td>Explosive Properties</td>
<td>Not Explosive.</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>&gt; 1</td>
<td>Oxidizing Properties</td>
<td>Not Determined.</td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerization
Hazardous polymerization will not occur.

Conditions to Avoid
Not reactive under normal conditions.

Incompatible Materials
Strong acids, oxidizers and alkalis.

Hazardous Decomposition Products
None Known.

11. TOXICOLOGICAL INFORMATION

Routes of Exposure
Ingestion. Eye Contact. Inhalation. Skin Contact.

Information on Likely Routes of Exposure
- Ingestion: Do not taste or swallow.
- Eye Contact: Avoid contact with eyes.
- Inhalation: Avoid breathing vapors or mists.
- Skin Contact: Avoid contact with skin.

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD$_{50}$</th>
<th>Dermal LD$_{50}$</th>
<th>Inhalation LC$_{50}$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetrapotassium Pyrophosphate</td>
<td>N/A</td>
<td>&gt; 2000 mg/kg (Rabbit)</td>
<td>&gt; 1.1 mg/L (Rat)</td>
</tr>
<tr>
<td>7320-34-5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trisodium Nitrilotriacetate</td>
<td>1740 mg/kg</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>5064-31-3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity
The product as a whole has not been tested.

Numerical Measures of Toxicity
Not Determined.

12. ECOLOGICAL INFORMATION

Ecotoxicity
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Persistence and Degradability
Not Determined.

Bioaccumulation
Not Determined.

Mobility
Not Determined.

Other Adverse Effects
Not Determined.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes
Dispose according to all local, state and federal regulations.

Contaminated Packaging
Dispose according to all local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT
Not Regulated.

IATA
Not Regulated.

IMDG
Not Regulated.
15. REGULATORY INFORMATION

**International Inventories**

Not Determined.

Legend:

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS - Japan Existing and New Chemical Substances
- IECSC - China Inventory of Existing Chemical Substances
- KECL - Korean Existing and Evaluated Chemical Substances
- PICCS - Philippines Inventory of Chemicals and Chemical Substances

**US Federal Regulations**

**Clean Water Act (CWA)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 311/312 Hazard Categories**

This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III. Section 311/312.

**SARA 313**

This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III. Section 313.

**US State Regulations**

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trisodium Nitrilotriacetate</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>5064-31-3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium Tripolyphosphate</td>
<td>N/A</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>7758-29-4</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

**NFPA**

Health Hazards: 1

Flammability: 0

Instability: 0

Special Hazards: Not Determined.

**HMIS**

Health Hazards: Not Determined.

Flammability: Not Determined.

Physical Hazards: Not Determined.

Personal Protection: Not Determined.

**Issue Date**

May 2014

**Revision Date**

March 2017

**Revision Note**

New format

**Disclaimer**

This Safety Data Sheet was prepared to comply with the current OSHA hazard Communication Standard adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.

End of Safety Data Sheet