

## 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](http://www.Certol.com)  
Phone: 303-799-9401  
Toll-Free: 1-800-843-3343  
Fax: 303-799-9408

### 24 Hour Emergency Telephone

INFOTRAC: 1-800-535-5053 (North America)  
INFOTRAC: 1-352-323-3500 (International)

## 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

Chemical Name	CAS No.	Weight-%
Tetrapotassium Pyrophosphate	7320-34-5	*
Trisodium Nitrotriacetate	5064-31-3	*

\*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, CO<sub>2</sub>, 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.

#### For Emergency Responders

The wet, contaminated surface may be slippery.

#### Environmental Precautions

Restrict access to spill area. Ventilate the area.

Prevent entry into waterways, sewers, basements or 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 with inert material. Shovel or sweep spills. Flush remainder with plenty of water.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

#### Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice.

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

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Tetrapotassium Pyrophosphate 7320-34-5	10 mg/m <sup>3</sup> (inhalable) TWA 3 mg/m <sup>3</sup> (respirable) TWA	15 mg/m <sup>3</sup> (inhalable) TWA 5 mg/m <sup>3</sup> (respirable) TWA	N/A

### Appropriate Engineering Controls

Eyewash stations.

### Individual Protection Measures, such as Personal Protective Equipment

#### Eye/Face Protection

Wear goggles, chemical safety glasses or a face protection shield.

#### Skin and Body Protection

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

Physical State	Liquid	Appearance	Green Clear Liquid	Color	Green	Odor	Fresh
Property	Values	Property	Values				
pH	8.0 - 9.0 (77°F/25°C)	Specific Gravity	1.09 (60°F/15.5°C)				
Melting Point / Freezing Point	<-23°F / < -5 °C	Water Solubility	Completely Soluble.				
Boiling Point / Boiling Range	195 °F / 90 °C	Partition Coefficient	Not Determined.				
Flash Point	Not Flammable.	Autoignition Temperature	Not Flammable.				
Evaporation Rate	< 1	Decomposition Temperature	Not Determined.				
Flammability (Solid/Gas)	N/A - Liquid.	Kinematic Viscosity	Not Determined.				
Flammability Limits In Air	Not Flammable.	Dynamic Viscosity	Not Determined.				
Vapor Pressure	Not Determined.	Explosive Properties	Not Explosive.				
Vapor Density	> 1	Oxidizing Properties	Not Determined.				

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Not reactive under normal conditions.
<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Hazardous Polymerization</b>	Hazardous polymerization will not occur.
<b>Conditions to Avoid</b>	Not reactive under normal conditions.
<b>Incompatible Materials</b>	Strong acids, oxidizers and alkalis.
<b>Hazardous Decomposition Products</b>	None Known.

## 11. TOXICOLOGICAL INFORMATION

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

### Component Information

Chemical Name	Oral LD <sub>50</sub>	Dermal LD <sub>50</sub>	Inhalation LC <sub>50</sub>
Tetrapotassium Pyrophosphate 7320-34-5	N/A	> 2000 mg/kg (Rabbit)	> 1.1 mg/L (Rat)
Trisodium Nitrotriacetate 5064-31-3	1740 mg/kg	N/A	N/A

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

<b>Carcinogenicity</b>	The product as a whole has not been tested.
<b>Numerical Measures of Toxicity</b>	Not Determined.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
<b>Persistence and Degradability</b>	Not Determined.
<b>Bioaccumulation</b>	Not Determined.
<b>Mobility</b>	Not Determined.
<b>Other Adverse Effects</b>	Not Determined.

## 13. DISPOSAL CONSIDERATIONS

<b>Waste Treatment Methods</b>	
<b>Disposal of Wastes</b>	Dispose according to all local, state and federal regulations.
<b>Contaminated Packaging</b>	Dispose according to all local, state and federal regulations.

## 14. TRANSPORT INFORMATION

<b>DOT</b>	Not Regulated.
<b>IATA</b>	Not Regulated.
<b>IMDG</b>	Not Regulated.

## 15. REGULATORY INFORMATION

### International Inventories

Not Determined.

#### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - 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**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Trisodium Nitrotriacetate 5064-31-3	X	X	X
Sodium Tripolyphosphate 7758-29-4	N/A	X	X

## 16. OTHER INFORMATION

### NFPA

Health Hazards	Flammability	Instability	Special Hazards
1	0	0	Not Determined.

### HMIS

Health Hazards	Flammability	Physical Hazards	Personal Protection
Not Determined.	Not Determined.	Not Determined.	Not Determined.

**Issue Date** May 2014

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**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