

Issue Date August 2013

Revision Date May 2014

Version 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name ProWash™

Other Means of Identification

SDS # PW/SDS/I02

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

Emergency Telephone Number

Company Phone Number(s)
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.

Appearance Green Clear Liquid.

Physical State Liquid.

Odor Fresh.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No. | Weight-% |
|-------------------------|-----------|----------|
| Sodium Tripolyphosphate | 7758-29-4 | * |

*The exact percentage is a trade secret.

4. FIRST AID MEASURES

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. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If irritation persists seek medical attention.
- Ingestion** Rinse mouth and drink plenty of water. Do not induce vomiting. Never give anything by mouth to a person who is unconscious or convulsing. Call a physician or Poison Control Center immediately.
- Skin Contact** Wash skin with flowing water or shower. If irritation persists, seek medical attention.

Most Important Symptoms and Effects, both Acute and Delayed

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

Indication of any Immediate Medical Attention and Special Treatment Needed

- Note to Physicians** Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use water, CO₂, dry chemical or foam for extinction.

Unsuitable Extinguishing Media

Not Determined.

Specific Hazards Arising from the Chemical

Product is not flammable.

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 recommended in section 8.
The wet, contaminated surface may be slippery.

For Emergency Responders

Restrict access to spill area. Ventilate the area.

Environmental Precautions

Prevent entry into waterways, sewers, basements or confined areas.
See Section 12 for additional ecological information.

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.
Use personal protection recommended in Section 8.

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.

Keep out of the reach of children and pets.

Incompatible Materials

Strong acids, oxidizers and alkalis.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|--------------------------------------|----------------------|----------------------|------------|
| Sodium Tripolyphosphate 7758-29-4 | 15 mg/m ³ | 15 mg/m ³ | N/A |

Appropriate Engineering Controls

Engineering Controls

Apply technical measures to comply with the occupational exposure limits.
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, 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 | Remarks * Method |
|---------------------------------------|---------------------|-----------------------------------|
| pH | 8.0 - 9.0 | 68°F (20°C) |
| Melting Point / Freezing Point | < -23°F / < -5°C | |
| Boiling Point / Boiling Range | 195°F / 90°C | (Approximate) |
| Flash Point | Not Flammable. | |
| Evaporation Rate | < 1 | (Butyl acetate = 1) (Approximate) |
| Flammability (Solid/Gas) | N/A-Liquid. | |
| Flammability Limits In Air | Not Flammable. | |
| Vapor Pressure | Not Determined. | |
| Vapor Density | > 1 | (Air = 1) (Approximate) |
| Specific Gravity | 1.09 | 68°F (20°C) (Water = 1) |
| Water Solubility | Completely Soluble. | |
| Partition Coefficient | Not Determined. | |
| Autoignition Temperature | Not Flammable. | |
| Decomposition Temperature | Not Determined. | |
| Kinematic Viscosity | Not Determined. | |
| Dynamic Viscosity | Not Determined. | |
| Explosive Properties | Not Explosive. | |
| Oxidizing Properties | Not Determined. | |

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

None under normal processing.

Incompatible Materials

Strong acids, oxidizers and alkalis.

Hazardous Decomposition Products

None known.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation Avoid breathing vapors or mists.

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Ingestion Do not taste or swallow.

Component Information

| Chemical Name | Oral LD ₅₀ | Dermal LD ₅₀ | Inhalation LC ₅₀ |
|--------------------------------------|-----------------------|-------------------------|-----------------------------|
| Sodium Tripolyphosphate 7758-29-4 | 3100 mg/kg (Rat) | 7940 mg/kg (Rabbit) | N/A |

Information on Physical, Chemical and Toxicological Effects

Symptoms Please see section 4 of this SDS for symptoms.

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

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

STOT - Single Exposure

Not Determined.

STOT - Repeated Exposure

Not Determined.

Numerical Measures of Toxicity

Not Determined.

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic organisms.

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|--------------------------------------|----------------------|-------------|----------------------------|----------------|
| Sodium Tripolyphosphate 7758-29-4 | No Information | Known Toxin | No Information | No Information |

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

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

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/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

CWA (Clean Water Act)

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).

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

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 |
|--------------------------------------|------------|---------------|--------------|
| Sodium Tripolyphosphate 7758-29-4 | N/A | X | X |

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. |
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Revision Note

Disclaimer

The information contained herein is furnished without warranty or legal responsibility of any kind. 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