

Material Safety Data Sheet

ProWash™ Multi-Purpose Instrument Detergent and Cart Wash

Product Number Prefix: PW

Certol[®]
International

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Certol International, LLC urges each recipient of the MSDS to read it carefully to understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology and fire prevention, as needed to understand the data in the MSDS.

To promote safe handling, each recipient of the MSDS should: (1) notify anyone using the material of the MSDS information regarding hazards or safety; (2) furnish the MSDS information to customers purchasing the product; and (3) request the customers furnish MSDS information to all users.

Emergency and First Aid Procedures

Swallowing: Rinse mouth and throat thoroughly with tap water. Drink large amounts of water. DO NOT induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Seek medical attention immediately.

Skin Contact: Wash skin with flowing water or shower. If irritation persists, seek medical attention.

Inhalation: Remove the affected victim from exposure. Administer artificial respiration if breathing stopped. Seek medical attention immediately.

Eye Contact: Flush eyes with water for 15 minutes. If irritation persists, seek medical attention.

1. Identification

Product Name: ProWash™

Chemical Name: Blend

2. Hazardous Ingredients

PRINCIPAL HAZARDOUS COMPONENTS	CAS #
Tetrapotassium Pyrophosphate	7320-34-5

3. Physical Data

Appearance: Blue clear liquid

Odor: Fresh odor

Solubility in Water: Complete

Boiling Point: 207°F (97.2°C)

Freezing Point: Below 32°F (0°C)

Vapor Density (Air = 1): > 1

Evaporation Rate (BuAc = 1): < 1

Specific Gravity: 1.12 @ 68°F (20°C)

pH: 9.3 - 9.8

4. Fire and Explosion Hazard

Flash Point: Not flammable

Flammable Limits In Air: N/A

Unusual Fire and Explosion Hazards: None known

Extinguishing Media: No special requirements

5. Health Hazard Data

COMPONENT	OSHA/ PEL	ACGIH/ TLV	OTHERS (Optional)
Tetrapotassium Pyrophosphate	15 mg/m ³ Total dust 8 hours	10 mg/m ³ (Inhaled) 8 hours	None

Effect of Single Overexposure:

Swallowing: May cause mild burns, nausea, vomiting

Skin Contact: May cause mild irritation, and rash

Inhalation: May cause irritation, headache

Eye Contact: May cause corneal injury and burn

Carcinogenicity:

IARC: No

NTP: No

OSHA: No

6. Reactivity Data

Stability: Stable

Conditions to Avoid: None known

Incompatibility (Materials to Avoid): Strong acids and oxidizers

Hazardous Combustion or Decomposition

Products: None known at normal conditions

Hazardous Polymerization: Will not occur

7. Spill, Leak and Waste Disposal Procedures

Steps To Be Taken In Case Material Is Released Or Spilled: Sweep, scoop, or vacuum material and place in closed container. Flush residue with water. The wet contaminated surface may be slippery.

Waste Disposal Method: Dispose according to all local, state, and federal regulations.

8. Handling and Storage

Store in a closed container in a cool, dry, well-ventilated place away from incompatible materials. Keep out of reach of children.

9. Special Protective Information

Respiratory Protection: Not normally required

Ventilation: Local exhaust or mechanical general if necessary

Protective Gloves: Use water resistant gloves where contact is necessary.

Eye Protection: Use safety goggles and/or face shield.

Protective Clothing: Where contact may occur, wear protective clothing.

Other Protective Clothing or Equipment: An eyewash station should be nearby and ready for use.

10. Regulation Information

Federal EPA: None

Status on Substance List: None known

State Right-to-Know: None known

11. Transportation Data

Proper Shipping Name: None.

D.O.T.: Unregulated commodity.

CHEMICAL WARNING LABELS

Required on containers, tubs, and bottles, which are filled from original containers with potentially hazardous substances.

Hazard rating corresponding to the NFPA Rating System

- 4 - Extreme
- 3 - High
- 2 - Moderate
- 1 - Slight
- 0 - Insignificant

NFPA HAZARD RATING

HEALTH: 1

FLAMMABILITY: 0

REACTIVITY: 0

Chemical Warning Label - Certol International, LLC ProWash™. No wall reference is necessary.

Product Name: ProWash™

Hazardous Chemicals: None

Personal Protection: Gloves, goggles, face shield

<u>ROUTE OF ENTRY</u>	<u>HEALTH HAZARD</u>	<u>FIRE HAZARD</u>
<input checked="" type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Irritant	<input type="checkbox"/> Below 73°F (23°C)
<input checked="" type="checkbox"/> Ingestion	<input type="checkbox"/> Carcinogen	<input type="checkbox"/> Below 100°F (38°C)
<input checked="" type="checkbox"/> Skin/eye absorption	<input type="checkbox"/> Toxic	<input type="checkbox"/> Above 100°F (38°C) & not > 200°F (93°C)
<u>TARGET ORGAN</u>	<input type="checkbox"/> Sensitizer	<input type="checkbox"/> Above 200°F (93°C)
<u>EFFECTS</u>	<input type="checkbox"/> Normal Material	<input checked="" type="checkbox"/> Will not burn
<input checked="" type="checkbox"/> Respiratory	<u>PHYSICAL HAZARD</u>	<u>REACTIVITY</u>
<input type="checkbox"/> Heart	<input type="checkbox"/> Oxidizer	<input type="checkbox"/> May detonate
<input type="checkbox"/> Kidney	<input type="checkbox"/> Acid	<input type="checkbox"/> Shock and heat may detonate
<input checked="" type="checkbox"/> Eyes	<input type="checkbox"/> Alkali	<input type="checkbox"/> Violent chemical change
<input checked="" type="checkbox"/> Skin	<input type="checkbox"/> Corrosive	<input type="checkbox"/> Unstable if heated
<input type="checkbox"/> Prostate	<input type="checkbox"/> Use no water	<input checked="" type="checkbox"/> Stable
<input type="checkbox"/> Blood	<input type="checkbox"/> Radioactive	
<input type="checkbox"/> Liver		
<input type="checkbox"/> CNS		
<input type="checkbox"/> Other		

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