

PATTERSON®
COMPANIES, INC.

SAFETY DATA SHEET

Issue Date September 2013

Revision Date October 2013

Version 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Patterson Vacuum System Cleaner

Other Means of Identification

SDS # CEN/SDS/I02

Product Code

CEN

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Vacuum System Cleaner

Details of the Supplier of the Safety Data Sheet

Supplier Address Patterson Companies, Inc.
1031 Mendota Heights Road
St. Paul, MN 55120

Emergency Telephone Number

24 Hour Emergency
Telephone (800) 424-9300

SAFETY DATA SHEETS

This SDS packet was issued with item:

070849109

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

051006006 051006014 070357079 070849091

2. HAZARDS IDENTIFICATION

Classification

Skin Irritation	Category 2
Serious Eye Damage	Category 1
Specific Target Organ Toxicity	Category 3

Signal Word

Danger.

Hazard Statements

Causes skin irritation.
Causes serious eye damage.
May cause respiratory irritation.

Appearance

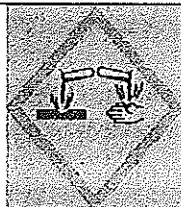
White Granulated Powder.

Physical State

Solid.

Odor

None.



Precautionary Statements-Prevention

Do not handle until all safety precautions have been read and understood.
Wear protective gloves/eye protection/face protection.
Wash face, hands and any exposed skin thoroughly after handling.
Avoid breathing dust/fumes/gas/mist/vapors/spray.

Precautionary Statements-Response

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a Poison Control Center or doctor/physician.

IF SWALLOWED: Immediately call a Poison Control Center or doctor/physician.
Rinse mouth.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Control Center or doctor/physician.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.
Rinse skin with water/shower. Wash contaminated clothing before reuse.

Precautionary Statements - Storage

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.

2. HAZARDS IDENTIFICATION (continued)

Precautionary Statements - Disposal

Dispose according to all local, state and federal regulations.

Hazards Not Otherwise Classified (HNOC)

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
Trisodium Phosphate Dodecahydrate	10101-89-0	98%

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. Call physician immediately.
Ingestion	Rinse mouth. Drink large amounts 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 off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. Call a physician if you feel unwell.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms	Skin contact may cause irritation, redness and swelling. Ingestion may cause nausea. Inhalation may cause mild irritation of the nose and throat. Eye contact may cause corneal injury and burn.
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Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians	Treat symptomatically.
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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

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.
Avoid breathing dust/fumes/gas/mist/vapors/spray.
Ensure adequate ventilation.

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

Sweep up and shovel into a suitable container. Flush remainder with plenty of water.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling

Do not handle until all safety precautions have been read and understood.
Handle in accordance with good industrial hygiene and safety practices.
Use personal protection recommended in Section 8.
Wash face, hands and any exposed skin thoroughly after handling.
Avoid breathing dust/fumes/gas/mist/vapors/spray.

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.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	WEEL
Trisodium Phosphate Dodecahydrate 10101-89-0	10 mg/m ³	15 mg/m ³	5 mg/m ³

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 or a face protection shield.

Skin and Body Protection

Chemical resistant, impermeable gloves.
Wear suitable protective clothing.

Respiratory Protection

Ensure adequate ventilation, especially in confined areas.
A mask or respirator may be used if there is a potential to exceed the exposure limit.

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	Solid.	
Appearance	White Granular Powder.	
Color	White.	
Odor	None.	
<u>Property</u>	<u>Values</u>	<u>Remarks * Method</u>
pH	12.0	68°F (20°C) (1% solution in water)
Melting Point / Freezing Point	Not Determined.	
Boiling Point / Boiling Range	Not Determined.	
Flash Point	Not Flammable.	
Evaporation Rate	Not Determined.	
Flammability (Solid/Gas)	Not Determined.	
Flammability Limits In Air	Not Determined.	
Vapor Pressure	Not Determined.	
Vapor Density	Not Determined.	
Specific Gravity	Not Determined.	
Water Solubility	21 g / 100 g	68°F (20°C)
Partition Coefficient	Not Determined.	
Autoignition Temperature	Not Determined.	
Decomposition Temperature	Not Determined.	
Kinematic Viscosity	Not Determined.	
Dynamic Viscosity	Not Determined.	
Explosive Properties	Not Determined.	
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.

Hazardous Decomposition Products

None under normal processing.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation	Harmful if inhaled.
Eye Contact	Causes serious eye damage.
Skin Contact	May cause skin irritation.
Ingestion	May be harmful if swallowed.

Component Information

Chemical Name	Oral LD ₅₀	Dermal LD ₅₀	Inhalation LC ₅₀
Trisodium Phosphate Dodecahydrate 10101-89-0	6500 mg/kg (Rat)	> 7940 mg/kg (Rabbit)	No Information

Information on Physical, Chemical and Toxicological Effects

Symptoms	Please see section 4 of this SDS for symptoms.
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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.
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Numerical Measures of Toxicity

Not Determined.

12. ECOLOGICAL INFORMATION

Ecotoxicity

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

Chemical Name	Algae / aquatic plants	Aquatic life	Toxicity to microorganisms	Crustacea
Trisodium Phosphate Dodecahydrate 10101-89-0	No Information	N/A	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

UN/ID No	UN3077
Proper Shipping Name	Environmentally Hazardous Substance, Solid, N.O.S (Trisodium Phosphate)
Hazard Class	9
Packing Group	III

IATA

UN/ID No	UN3077
Proper Shipping Name	Environmentally Hazardous Substance, Solid, N.O.S (Trisodium Phosphate)
Hazard Class	9
Packing Group	III

IMDG

UN/ID No	UN3077
Proper Shipping Name	Environmentally Hazardous Substance, Solid, N.O.S (Trisodium Phosphate)
Hazard Class	9
Packing Group	III

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

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.

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.

CWA (Clean Water Act)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Trisodium Phosphate Dodecahydrate 10101-89-0	5000 lb.	N/A	N/A	X

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA /SARA RQ	Reportable Quantity (RQ)
Trisodium Phosphate Dodecahydrate 10101-89-0	5000 lb.	N/A	RQ 5000 lb. final 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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Trisodium Phosphate Dodecahydrate 10101-89-0	X	X	X

16. OTHER INFORMATION

NFPA

Health Hazards
3

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

