

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

070909804

N/A

## Safety Data Sheet

According to Canadian Hazardous Products Regulations and WHMIS 2015

Initial preparation date: 11.27.2017

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### Patterson Super Concentrate Evacuation Cleaner and Deodorizer

#### SECTION 1: Identification

##### Product identifier

**Product name:** Patterson Super Concentrate Evacuation Cleaner and Deodorizer

**Product code:** 070909804

##### Recommended use of the product and restriction on use

**Relevant identified uses:** Evacuation system cleaner

**Uses advised against:** Not determined or not applicable.

**Reasons why uses advised against:** For professional use only

##### Manufacturer or supplier details

###### Manufacturer:

###### Supplier

Patterson Dentaire Canada Inc.  
1205 boul Henri-Bourassa West  
Montreal (Québec) H3M 3E6  
+1 514-745-4040

##### Emergency telephone number:

###### Canada

###### CHEMTREC

Within USA and Canada: 1-800-424-9300 (CHEMTREC, 24 hours)

Outside USA and Canada: +1-703-527-3887 (CHEMTREC, 24 hours)

#### SECTION 2: Hazard identification

##### GHS classification:

Skin corrosion, category 1B

Serious eye damage, category 1

##### Label elements

###### Hazard pictograms:



**Signal word:** Danger

##### Hazard statements:

H314 Causes severe skin burns and eye damage

H318 Causes serious eye damage

##### Precautionary statements:

P260 Do not breathe dust/fume/gas/mist/vapors/spray

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P264 Wash skin thoroughly after handling

P280 Wear protective gloves/protective clothing/eye protection/face protection

P321 Specific treatment (see supplemental first aid instructions on this label).

P363 Wash contaminated clothing before reuse

P304+P340+P310 If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician

P301+P330+P331+P310 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

P303+P361+P353+P310 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.

Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.

P305+P351+P338+P310 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 CENTER or doctor/physician.

P405 Store locked up

P501 Dispose of contents and container as instructed in Section 13

**Hazards not otherwise classified:** None

### SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 79-14-1	Glycollic acid	<15
CAS number: Mixture	Surfactant	<5
CAS number: 67-63-0	Propan-2-ol	<5
CAS number: 7664-38-2	Phosphoric Acid	<25

**Additional Information:** None

### SECTION 4: First-aid measures

#### Description of first-aid measures

##### General notes:

Not determined or not available.

##### After inhalation:

Loosen clothing as necessary and position individual in a comfortable position

Maintain an unobstructed airway

Get medical advice/attention if you feel unwell

Take precautions to ensure your own safety

Remove source of exposure or move person to fresh air and keep comfortable for breathing

Immediately call a POISON CONTROL CENTER or seek medical attention

If breathing has stopped, trained personnel should begin rescue breathing

Avoid mouth-to-mouth contact by using a barrier device

If the heart has stopped, immediately start cardiopulmonary resuscitation (CPR)

##### After skin contact:

Rinse affected area with soap and water

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If symptoms develop or persist, seek medical attention  
Avoid direct contact and wear chemical protective clothing, if necessary  
Immediately take off all contaminated clothing  
Gently blot or brush away excess product  
Rinse skin with lukewarm, gently flowing water until medical aid is available  
Immediately call a POISON CONTROL CENTER or seek medical attention  
Wash contaminated clothing before re-use or discard

#### After eye contact:

Rinse/flush exposed eye(s) gently using water for 15-20 minutes  
If symptoms develop or persist, seek medical attention  
Avoid direct contact and wear chemical protective gloves, if necessary  
Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open  
Remove contact lenses, if present and easy to do so  
Continue rinsing until medical aid is available  
Immediately call a POISON CONTROL CENTER or seek medical attention

#### After ingestion:

Rinse mouth thoroughly  
Seek medical attention if irritation, discomfort, or vomiting persists  
Immediately call a POISON CONTROL CENTER or seek medical attention  
Do not induce vomiting and rinse mouth  
If vomiting occurs naturally, lie on your side, in the recovery position  
If breathing has stopped, trained personnel should begin rescue breathing  
Avoid mouth-to-mouth contact by using a barrier device  
If the heart has stopped, immediately start cardiopulmonary resuscitation (CPR)

#### Most important symptoms and effects, both acute and delayed

##### Acute symptoms and effects:

Not determined or not available.

##### Delayed symptoms and effects:

Not determined or not available.

#### Immediate medical attention and special treatment

##### Specific treatment:

Not determined or not available.

##### Notes for the doctor:

Not determined or not available.

### SECTION 5: Fire-fighting measures

#### Extinguishing media

##### Suitable extinguishing media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition

##### Unsuitable extinguishing media:

Not determined or not applicable.

#### Specific hazards during fire-fighting:

Thermal decomposition can lead to release of irritating gases and vapors

#### Special protective equipment for firefighters:

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit

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#### Special precautions:

Not determined or not applicable.

### SECTION 6: Accidental release measures

#### Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation  
Ensure air handling systems are operational  
Wear protective eye wear, gloves and clothing

#### Environmental precautions:

Should not be released into the environment  
Prevent from reaching drains, sewer or waterway

#### Methods and material for containment and cleaning up:

Wear protective eye wear, gloves and clothing  
Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders)  
Dispose of contents / container in accordance with local regulations

#### Reference to other sections:

Not determined or not applicable.

### SECTION 7: Handling and storage

#### Precautions for safe handling:

Use only with adequate ventilation.  
Avoid breathing mist or vapor.  
Do not eat, drink, smoke or use personal products when handling chemical substances.

#### Conditions for safe storage, including any incompatibilities:

Keep container tightly sealed.  
Protect from freezing and physical damage.  
Store in a cool, well-ventilated area.

### SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

#### Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
Canada	Propan-2-ol	67-63-0	Alberta TWA 8-hr: 492 mg/m <sup>3</sup> (200 ppm); STEL 15-min: 984 mg/m <sup>3</sup> (400 ppm)
	Propan-2-ol	67-63-0	British Columbia TWA 8-hr: 200 ppm; STEL 15-min 400 ppm
	Propan-2-ol	67-63-0	Manitoba TLV-TWA 8-hr: 200 ppm; STEL 15-min 400 ppm
	Propan-2-ol	67-63-0	Ontario TWA 8-hr: 200 ppm; STEL 15-min: 400 ppm
	Propan-2-ol	67-63-0	Quebec TWA 8-hr: 983 mg/m <sup>3</sup> (400 ppm); STEL 15-min: 1,230 mg/m <sup>3</sup> (500 ppm)

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Propan-2-ol	67-63-0	Saskatchewan TWA 8-hr: 200 ppm; STEL 15-min: 400 ppm
	Phosphoric Acid	7664-38-2	Alberta OELs - 8-Hour TWA Exposure Limit: 1 mg/m <sup>3</sup>
	Phosphoric Acid	7664-38-2	Alberta OELs - 15-minute STEL: 3 mg/m <sup>3</sup>
	Phosphoric Acid	7664-38-2	British Columbia OELs - 8-Hour TWA Exposure Value: 1 mg/m <sup>3</sup>
	Phosphoric Acid	7664-38-2	British Columbia OELs - 15-minute STEL: 3 mg/m <sup>3</sup>
	Phosphoric Acid	7664-38-2	Manitoba OELs - 8-hour Exposure Limit (TLV-TWA): 1 mg/m <sup>3</sup>
	Phosphoric Acid	7664-38-2	Manitoba OELs - 15-minute STEL: 3 mg/m <sup>3</sup>
	Phosphoric Acid	7664-38-2	Ontario OELs - 8-Hour TWA Exposure Limit: 1 mg/m <sup>3</sup>
	Phosphoric Acid	7664-38-2	Ontario OELs - 15-minute STEL (STEL): 3 mg/m <sup>3</sup>
	Phosphoric Acid	7664-38-2	Quebec OELs - 8-Hour TWA Exposure Value: 1 mg/m <sup>3</sup>
	Phosphoric Acid	7664-38-2	Quebec OELs - 15-minute STEL: 3 mg/m <sup>3</sup>
	Phosphoric Acid	7664-38-2	Saskatchewan OELs - 8 Hour Average Contamination Limit: 1 mg/m <sup>3</sup>
	Phosphoric Acid	7664-38-2	Saskatchewan OELs - 15 Minute Average Contamination Limit: 3 mg/m <sup>3</sup>

#### Biological limit values:

Substance	Identifier	Determinant	Sampling time	Permissible limits
Propan-2-ol	67-63-0	Acetone	End of shift at end of workweek.	40 mg/L

#### Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls.

Biological monitoring may also be appropriate for some substances.

#### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

#### Personal protection equipment

##### Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

##### Skin and body protection:

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Select glove material impermeable and resistant to the substance.

Wear appropriate clothing to prevent any possibility of skin contact.

#### Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

#### General hygienic measures:

Avoid contact with skin, eyes and clothing.

Wash hands before breaks and at the end of work.

Wash contaminated clothing before reuse.

### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

<b>Appearance (physical state, color):</b>	Green liquid
<b>Odor:</b>	Not determined or not available.
<b>Odor threshold:</b>	Not determined or not available.
<b>pH-value:</b>	0.5 - 1.5
<b>Melting/Freezing point:</b>	Not determined or not available.
<b>Boiling point/range:</b>	Not determined or not available.
<b>Flash point:</b>	>200°F (93.3 °C)
<b>Evaporation rate:</b>	Not determined or not available.
<b>Flammability (solid, gaseous):</b>	Not determined or not available.
<b>Explosion limit upper:</b>	Not determined or not available.
<b>Explosion limit lower:</b>	Not determined or not available.
<b>Vapor pressure:</b>	Not determined or not available.
<b>Vapor density:</b>	Not determined or not available.
<b>Density:</b>	Not determined or not available.
<b>Relative density:</b>	Not determined or not available.
<b>Solubilities:</b>	Not determined or not available.
<b>Partition coefficient (n-octanol/water):</b>	Not determined or not available.
<b>Auto/Self-ignition temperature:</b>	Not determined or not available.
<b>Decomposition temperature:</b>	Not determined or not available.
<b>Dynamic viscosity:</b>	Not determined or not available.
<b>Kinematic viscosity:</b>	Not determined or not available.
<b>Explosive properties</b>	Not determined or not available.
<b>Oxidizing properties</b>	Not determined or not available.

#### Other information

### SECTION 10: Stability and reactivity

#### Reactivity:

Does not react under normal conditions of use and storage.

#### Chemical stability:

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Stable under normal conditions of use and storage.

#### Possibility of hazardous reactions:

None under normal conditions of use and storage.

#### Conditions to avoid:

None known.

#### Incompatible materials:

None known.

#### Hazardous decomposition products:

None known.

### SECTION 11: Toxicological information

#### Acute toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

##### Substance data:

Name	Route	Result
Glycollic acid	oral	LD50 - Rat - male and female - 2,040 mg/kg
	inhalation	LC50 - Rat - male - 4 h - 3.6 mg/l

#### Skin corrosion/irritation

**Assessment:** Causes severe skin burns and eye damage

##### Product data:

No data available.

##### Substance data:

Name	Result
Phosphoric Acid	Causes severe skin burns and eye damage.
Glycollic acid	Rabbit: Corrosive

#### Serious eye damage/irritation

**Assessment:** Causes serious eye damage

##### Product data:

No data available.

##### Substance data:

Name	Result
Glycollic acid	Rabbit: Severe eye irritation
Propan-2-ol	Causes serious eye irritation.

#### Respiratory or skin sensitization

**Assessment:** Based on available data, the classification criteria are not met.

##### Product data:

No data available.

**Substance data:** No data available.

#### Carcinogenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.



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### Patterson Super Concentrate Evacuation Cleaner and Deodorizer

**Substance data:** No data available.

**International Agency for Research on Cancer (IARC):**

Name	Classification
Propan-2-ol	Group 3 - Not classifiable as to its carcinogenicity to humans

**National Toxicology Program (NTP):** None of the ingredients are listed.

#### Germ cell mutagenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

#### Reproductive toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

#### Specific target organ toxicity (single exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:**

Name	Result
Propan-2-ol	Specific Target Organ Toxicity, Single Exposure - May cause drowsiness or dizziness.

#### Specific target organ toxicity (repeated exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

#### Aspiration toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

#### Information on likely routes of exposure:

No data available.

#### Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

#### Other information:

No data available.

### SECTION 12: Ecological information

#### Acute (short-term) toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

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### Patterson Super Concentrate Evacuation Cleaner and Deodorizer

#### Substance data:

Name	Result
Glycolic acid	LC50 - Danio rerio (zebra fish) - 5,000 mg/l - 96 h

#### Chronic (long-term) toxicity

**Product data:** No data available.

**Substance data:** No data available.

#### Persistence and degradability

**Product data:** No data available.

**Substance data:** No data available.

#### Bioaccumulative potential

**Product data:** No data available.

**Substance data:** No data available.

#### Mobility in soil

**Product data:** No data available.

**Substance data:** No data available.

**Other adverse effects:** No data available.

### SECTION 13: Disposal considerations

#### Disposal methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

### SECTION 14: Transport information

#### Canadian Transportation of Dangerous Goods (TDG)

UN number	UN 3265
UN proper shipping name	Corrosive Liquid, Acidic, Organic, n.o.s. (Phosphoric Acid, Glycolic Acid)
UN transport hazard class(es)	None
Packing group	III
Environmental hazards	None
Special precautions for user	None

#### International Maritime Dangerous Goods (IMDG)

UN number	UN 3265
UN proper shipping name	Corrosive Liquid, Acidic, Organic, n.o.s. (Phosphoric Acid, Glycolic Acid)
UN transport hazard class(es)	None
Packing group	III
Environmental hazards	None
Special precautions for user	None

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#### International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	UN 3265
UN proper shipping name	Corrosive Liquid, Acidic, Organic, n.o.s. (Phosphoric Acid, Glycolic Acid)
UN transport hazard class(es)	None
Packing group	III
Environmental hazards	None
Special precautions for user	None

### SECTION 15: Regulatory information

#### Canada regulations

##### Domestic substances list (DSL):

7664-38-2	Phosphoric Acid	Listed
67-63-0	Propan-2-ol	Listed

Non-domestic substances list (NDSL): Not determined.

### SECTION 16: Other information

Abbreviations and Acronyms: None

#### Disclaimer:

This product has been classified in accordance with the Canadian Hazardous Products Regulations and WHMIS 2015. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

NFPA: 3-0-0

HMIS: 3-0-0

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End of Safety Data Sheet