

1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Patriot #1

**Use: Glass & Multi-Surface
 Cleaner RTU 4x4L**

This product is EcoLogo Registered.

Code: PA01J and PA01RTU

Date of MSDS: December 1, 2017

WHMIS: D2B

HMIS: Health 0
 Flammability 0
 Reactivity 0
 PPE A

TDG CLASSIFICATION: Not regulated

Emergency Telephone # CANUTEC 613-996-6666

2 – HAZARD IDENTIFICATION

Irritancy of Product: mild
Physical State: liquid
EMERGENCY: This product contains no substances which, at their given concentration, are considered to be hazardous to health.

Route(s) of Entry: eye, skin, inhalation, ingestion

Acute Effects

Eye: none known
Skin: none known
Inhalation: none known
Ingestion: none known

See Toxicological information (Section 11 and 3)

3 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Wt/Wt %	CAS #	LD50 (mg/kg)	LC50
D-Glucopyranoside C8-C16 Alkyl	1-5	110615-47-9/68515-73-1	>5000 oral rat	not available

4 - FIRST AID MEASURES

Eye Contact: Flush with water for 15 minutes. Contact a physician.
Skin Contact: Good hygiene practices apply. Wash with soap and water after use.
Inhalation: Remove to fresh air. If symptoms persist, contact a physician.
Ingestion: Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Contact a physician immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

5 - FIRE FIGHTING MEASURES

Conditions of Flammability: not flammable
UFL: not applicable
LFL: not applicable
Flash Point and Test Method: not applicable
Sensitivity to Static Discharge or Mechanical Impact: not applicable
Auto-Ignition Temperature: not applicable
Hazardous Combustion Products: oxides of carbon
Means of Extinction: treat for surrounding material & fire

6 – ACCIDENTAL RELEASE MEASURES

Personal precautions: Not applicable.
Environmental precautions: Keep container in a cool, well-ventilated area. Keep container tightly closed. Do not allow to enter drains or watercourses.
Methods for cleaning up: For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain it to ensure runoff does not reach a waterway. Place split material in an appropriate container for disposal.

7 – HANDLING & STORAGE

Storage Requirements: Keep out reach of children. Keep container in a cool, well-ventilated area. Keep container tightly closed.

8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal Protective Equipment:

Eyes: Not required for normal use.
Hands: Not required for normal use.
Skin: Not required for normal use.
Respiratory: Not required for normal use.

Ventilation: general ventilation normally adequate

9 - PHYSICAL & CHEMICAL PROPERTIES

Physical State: liquid	Viscosity: water thin	Vapour Pressure: as water
Oil/Water Factor: not available	Appearance: clear blue	pH: 9.5-10.5
Vapour Density: as water	Evaporation Rate: similar	Odour: mild
Specific Gravity: 0.99-1.02	Odour Threshold: not available	Freezing Point (°C): as water
Boiling Point (°C): 100		

10 – STABILITY & REACTIVITY

Conditions of Chemical Instability: stable
Conditions of Reactivity: avoid extreme hot and cold temperatures
Hazardous Decomposition Products: not available
Incompatible Substances: strong acids & alkalis, chlorinated products, disinfectants
Storage Requirements: store in closed containers away from incompatible materials

11 – TOXICOLOGICAL INFORMATION

Acute Effects

Eye: none known
Skin: none known
Inhalation: none known
Ingestion: none known

Chronic Effects

Carcinogen: none known
Teratogen: none known
Mutagen: none known
Reproductive Toxin: none known
Synergistic Materials: none known
Sensitization: none known
Prolonged or Repeated Exposure - Skin: may cause drying, defatting or dermatitis

12 – ECOLOGICAL INFORMATION

Biodegradability: considered biodegradable
BOD/COD Values: not available
Ecotoxicity: not available

13 – DISPOSAL CONSIDERATION

For Leaks or Spills: Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

Waste Disposal: Review all Federal, Provincial & local regulations prior to disposal. Consult your local or regional authorities.

14 – TRANSPORT INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

UN CLASSIFICATION: Not regulated

See shipping documents for specific transportation information.

15 – REGULATORY INFORMATION

WHMIS: Class D2B: Material causing other toxic effects (Toxic)
Canada Inventory: All components are listed or exempted.

16 – OTHER INFORMATION

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