

Section I. Product Identification and Uses

**HMIS (HFRP)**  
**Health Hazard** 1  
**Fire Hazard** 0  
**Reactivity** 0  
**Personal Protection** b

<b>Common / Trade name</b>	KLINGER BOWL CLEANER	<b>TDG</b>	Not regulated under TDG (Canada).
<b>WHMIS</b>	D2B	<b>PIN</b>	Not applicable.
<b>Code</b>	2093	<b>PG</b>	Not applicable.
<b>Material uses</b>	Bathroom & bowl cleaner.		

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Citric acid	77-92-9	10 - 30	Not available.	ORAL (LD50): Acute: 5040 mg/kg [Mouse]. 11700 mg/kg [Rat].

Section III. First Aid Measures

**Eye contact** Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. If irritation persists, get medical attention.

**Skin contact** In case of contact, immediately flush skin with plenty of water. If irritation persists, get medical attention.

**Inhalation** If inhaled, remove to fresh air. Get medical attention.

**Ingestion** If ingested do not induce vomiting. Have conscious person drink several glasses of water. Get medical attention if symptoms appear.

Section IV. Physical Data

<b>Physical state and appearance</b>	Liquid.	<b>Colour</b>	Blue.
<b>pH (1% soln/water)</b>	1 to 3 (Conc. (% w/w): 100) [Acidic.]	<b>Odour</b>	Wintergreen.
<b>pH (concentrate)</b>	1.5 - 2.5	<b>Volatility</b>	Not available.
<b>Boiling point</b>	100°C (212°F)	<b>Vapour density</b>	Weighted average: 1 (Air = 1)
<b>Specific gravity</b>	1.05 - 1.15	<b>Vapour pressure</b>	The highest known value is 2.3 kPa (17.2 mm Hg) (at 20°C) (Water).
<b>Solubility</b>	Miscible in water.		

Section V. Fire and Explosion Data

**The product is** Non-flammable.

**Auto-ignition temperature** Not applicable.

**Flash points** Not applicable.

**Degradation products** Not applicable.

**Extinguishing media** Not applicable.

Section VI. Reactivity data

**Stability** The product is stable.

**Decomp. products** Not available.

**Reactivity** Reactive with oxidizing agents, alkalis.

Section VII. Toxicological properties

**Route of entry** Ingestion. Inhalation. Eye contact. Skin contact

**Toxicity for animals** See section II

**Acute effects** Irritating to eyes and skin.

**Chronic effects** No ingredient in this product is currently listed as carcinogens by IARC, NTP or OSHA.

Section VIII. Preventive measure

**Waste disposal** Recycle, if possible. Consult your local or regional authorities.

**Storage** Keep container tightly closed. Keep container in a cool, well-ventilated area.

**Precautions** Avoid contact with skin and eyes.

**Spill and leak** Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

**Section IX. Personal protective equipment**

- Gloves**           Gloves (impervious) are recommended for prolonged contact with bulk quantities.
  - Respiratory**       A respirator is not needed under normal and intended conditions of product use.
  - Eyes**             Safety glasses.
  - Other**            IN CASE OF A LARGE SPILL :Splash goggles. Boots. Gloves.
  - Eng. controls**    Ensure that eyewash stations and safety showers are proximal to the work-station location.
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**Section X. Preparation and other Information**

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**EMERGENCY: CANUTEC 613-996-6666**

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy of completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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**Annex A. Legend**

- HMIS**           Hazardous Materials Identification System
  - WHMIS**        WHMIS Workplace Hazardous Materials Information System
  - TDG**           Transport Dangerous Goods
  - PIN**            Product Identification Number
  - PG**            Packaging Group
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