

Section I. Product Identification and Uses

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

Common / Trade name	KLINGER BOWL CLEANER	TDG	Not regulated under TDG (Canada).
WHMIS	D2B	PIN	Not applicable.
Code	2093	PG	Not applicable.
Material uses	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

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

Validated by the Regulatory Affairs Department on July 15th 2011

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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.

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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