Material Safety Data Sheet

73700 - Bowl Cleaner

Section I. Product Identification

Product Name: **BOWL CLEANER** **WHMIS Class:** E
Product Use: Foaming Acid Bathroom Cleaner **Product Code(s):** 401004, 401018, 401021
Concentrate Hazard Ratings: **Health:** 3 **Fire:** 0 **Reactivity:** 0
TDG Class: 8 **Packing Group**: III **UN Number:** 1805 **Name:** PHOSPHORIC ACID, LIQUID

Section II. Hazardous Ingredients

Chemical Name	CAS#	% by Weight	Toxicity
Phosphoric Acid	7664-38-2	10-25	LD_{50} 1530 mg/kg Oral (Rat) LD_{50} 2740 mg/kg Skin (Rabbit)
Citric Acid	77-92-9	2-10	LD_{50} 3000 mg/kg Oral (Rat)
Diethylene Glycol Monobutyl Ether	112-34-5	2-6	LD_{50} 2000 mg/kg Oral (Rat) LD_{50} 2700 mg/kg Skin (Rabbit)

Section III. Physical and Chemical Properties

Appearance: Clear green liquid **Odour:** Characteristic odour counteractant
PH (100%): 1-3 **Solubility in Water:** 100%
Boiling Point: >100°C **Specific Gravity:** 1.11

Section IV. Fire and Explosion Hazard Data

Flash Point (TCC): >100°C **Hazardous Combustion Products:** Carbon oxides, phosphates.
Extinguishing Media: Match media to surrounding fire. **Unusual Fire and Explosion Hazards:** None.

Section V. Reactivity Data

Stability: Stable **Conditions to Avoid:** None known
Products to Avoid: Reacts with chlorine to produce chlorine gas; reacts with alkalis **Hazardous Decomposition Products:** None known

Section VI. Toxicological Properties

Effects of Overexposure
Eyes: Severely corrosive; may cause corrosive burns.
Skin: Severely corrosive; may cause corrosive burns.
Ingestion: Harmful and corrosive if swallowed. May cause burns to mouth, throat and stomach.
Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.

Findlay Foods (Kingston) Ltd. Is the exclusive distributor of Tri Clean products.
659 Justus Dr. Kingston, Ontario K7M 4H5 Tel:613 384-9290 / 1800-267-2596 Fax:613 384-9290 web:www.findlayfoods.com

Section VII. First Aid Measures

Eye Contact: Immediately flush with cool running water for 15 minutes, removing contact lenses and keeping eyelids open. Obtain medical attention immediately.

Skin Contact: Immediately flush with cool running water for 15 minutes, removing contaminated clothing. Obtain medical attention if immediately.

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Rinse mouth, then drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician immediately.

Inhalation: If breathing is difficult, remove to fresh air. If not breathing, give artificial respiration. Obtain medical attention immediately.

Section VIII. Preventative Measures

Personal Protective Equipment

Eyes: Use chemical splash goggles. For continued or severe exposure, wear a face shield over the goggles.

Skin: Wear chemical resistant, impervious gloves. Wear other protective equipment as necessary to prevent skin contact.

Respiratory: If vapours are not adequately controlled by ventilation, use appropriate respiratory protection, as determined by exposure levels, hazards of the product, and the safe working limits of the selected respirator.

Spill or Leak Procedures

Cleanup: Flush residue or small spills to sanitary sewer. .Dike or dam large spills. Pump to containers or soak on inert absorbent and place in suitable containers for disposal.

Waste Disposal: Dispose of in accordance with Federal, Provincial and Municipal regulations.

Handling and Storage

Handling: Danger. Corrosive. Causes eye and skin burns. Rinse thoroughly with water after contact. Harmful if swallowed.

Storage: Keep out of reach of children. Keep container tightly closed. Store in cool, well-ventillated area.

Section IX. Preparation and Other Information

Prepared By: Regulatory Affairs **Date:** January, 2010

Manufactured For / Distributed By: Findlay Foods (Kingston) Ltd. 659 Justus Drive, Kingston, Ontario K7M 4H5

Telephone: (613) 384-5331 **Fax:** (613) 384-9290

Emergency Response 24-hour Number: CANUTEC (613) 996-6666 (Collect)

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