

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product Name: CITRIC ACID BOWL CLEANER RTU

Product Use: Bathroom Care

WHMIS Class: Class E - Corrosive Material

T.D.G. Classification:
Corrosive liquids, n.o.s. (Phosphoric acid); Class 8; UN1760; PG II

HEALTH	3
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

Manufacturer Name and Address: Kemsol Products Ltd.
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SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS No.	Wt%	ACGIH-TLV	LC ₅₀	LD ₅₀
Phosphoric acid	7664-38-2	3-7	1 mg/m ³ TWA	Not available	1250 mg/kg oral, mouse
Citric acid	77-92-9	3-7	10 mg/m ³ TWA	Not available	3000 mg/kg oral, rat

SECTION III - PHYSICAL DATA

Boiling Point (deg C): 99

Vapour Pressure (mm Hg): Not available

Vapour Density (Air = 1): Not available

Solubility in Water: Soluble

Physical State: Liquid

Appearance and Odour: Opaque white; no distinct odour

Specific Gravity (H₂O = 1): 1.058

Percent Volatile (Wt %, 1 h @ 105 °C): 93.3

Evaporation Rate (BuAc = 1): Not available

pH (as supplied): 1.0

Viscosity: Water thin

Odour Threshold (ppm): Not available

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Not flammable by WHMIS criteria.

Flash Point (deg C, TCC): None

LEL: Not applicable

UEL: Not applicable

Hazardous Combustion Products: May include and are not limited to oxides of carbon, oxides of phosphorus.

Means of Extinction: Treat for surrounding material.

Special Fire Hazards: Firefighters should wear self-contained breathing apparatus.

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability: Stable.

Incompatible Materials: Strong caustics and strong oxidizers.

Reactivity, and Under What Conditions: Not available.

Hazardous Decomposition Products: May include and are not limited to oxides of carbon, oxides of phosphorus when heated to decomposition.

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SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye, Skin contact, Inhalation, Ingestion

EFFECTS OF ACUTE EXPOSURE:

Eye: May cause chemical burns, severe corneal damage and permanent loss of vision.

Skin: May cause chemical burns.

Inhalation of (vapours/mists): May cause respiratory tract irritation, coughing and headache.

Ingestion: Harmful if swallowed. May cause chemical burns to mouth, throat and stomach.

EFFECTS OF CHRONIC EXPOSURE:

Skin: Prolonged or repeated exposure to dilutions can cause drying, defatting and dermatitis.

Irritancy: Hazardous by WHMIS criteria.

Respiratory Tract Sensitization: No data available

Carcinogenicity: Non-hazardous by WHMIS criteria.

Teratogenicity, Mutagenicity, Reproductive Effects: No data available.

Synergistic Materials: Not available.

SECTION VII- PREVENTATIVE MEASURES

Gloves: Rubber. Confirm with reputable supplier first.

Eye Protection: Chemical splash goggles.

Respiratory Protection: Not normally required if good ventilation is maintained. Avoid breathing mists.

Other Protective Equipment: As required by employer code.

Engineering Controls: Ensure good ventilation.

Leak and Spill Procedure: Before attempting cleanup, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

Waste Disposal: Review federal, provincial and local government requirements prior to disposal.

Storage and Handling Requirements: Store in closed container away from incompatible materials. Keep out of the reach of children.

SECTION VIII - FIRST AID

Eye: Immediately flush with water. Remove contact lenses, if applicable, and continue rinsing for 15 minutes. Obtain medical attention immediately.

Skin: Immediately flush with cool water for 15 minutes while removing contaminated clothing and shoes. Obtain medical attention if irritation persists. Discard or wash well before reuse.

Inhalation: Move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Obtain medical attention immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

SECTION IX - PREPARATION INFORMATION

Date: 06/01/09

MSDS Prepared By: Kemsol Products Ltd.

Phone Number: (306) 569-0636

Disclaimer

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8466) or CSST in Montreal, Quebec (514-873-3990).