

Section I. Product Identification and Uses

		HMIS (HFRP)	
		Health Hazard	2
		Fire Hazard	0
		Reactivity	1
		Personal Protection	d
Common / Trade name	ZEO ALL PURPOSE WASHROOM CLNR	TDG	Class 8
WHMIS	D2B, E	PIN	UN1805 PHOSPHORIC ACIC, LIQUID
Code	1799	PG	III
Material uses	Industrial applications: Bathroom & bowl cleaner.		

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Phosphoric acid	7664-38-2	10-30	TWA: 1 CEIL: 3 (mg/m ³ H ³ n)	ORAL (LD50): Acute: 1530 mg/kg [Rat]. DERMAL (LD50): Acute: 2740 mg/kg [Rabbit].
Dipropylene glycol monomethyl ether	34590-94-8	5-10	TWA: 100 CEIL: 150 (ppm) TWA: 600 CEIL: 900 (mg/m ³ H ³ n)	ORAL (LD50): Acute: 5380 mg/kg [Rat]. 5200 mg/kg [Rat]. DERMAL (LD50): Acute: 9510 mg/kg [Rabbit].
Citric acid	77-92-9	1-5	Not available.	ORAL (LD50): Acute: 5040 mg/kg [Mouse]. 11700 mg/kg [Rat].
Amines, C10-16-Alkyldimethyl, N-Oxides	70592-80-2	1-5	Not available.	Not available.
Alkoxy polyethylenoxy ethanol	68439-46-3	1-5	Not available.	Not available.

Section III. First Aid Measures

Eye contact	IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek medical attention.
Skin contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Inhalation	Allow to rest in a well ventilated area. If discomfort persists seek medical attention.
Ingestion	DO NOT induce vomiting. Have conscious person drink several glasses of water. Seek immediate medical attention.

Section IV. Physical Data

Physical state and appearance	Liquid.	Colour	Red.
pH (1% soln/water)	1 to 1.5 [Acidic.]	Odour	Cherry.
pH (concentrate)	Not available.	Volatility	Not available.
Boiling point	Weighted average: 111.72°C (233.1°F)	Vapour density	Weighted average: 1.49 (Air = 1)
Specific gravity	1.13 (Water = 1)	Vapour pressure	Weighted average: 14.81 mm of Hg (@ 20°C)
Solubility	Miscible in water.		

Section V. Fire and Explosion Data

The product is	May be combustible at high temperatures.
Auto-ignition temperature	Not available.
Flash points	Non Flammable.
Degradation products	carbon oxides (CO, CO ²) nitrogen oxides (NO, NO ² ...) phosphates
Extinguishing media	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet.

Section VI. Reactivity data

Stability	The product is stable.
Decomp. products	See fire degradation products.
Reactivity	Reactive with alkalis. Reactive with oxidizing agents, reducing agents, metals.

Section VII. Toxicological properties

Route of entry	Eye contact Ingestion: Skin contact. Inhalation:
Toxicity for animals	See section II.
Acute effects	Corrosive to eyes, skin and the respiratory system.
Chronic effects	Irritating to skin.

Section VIII. Preventive measure

Waste disposal Dispose of in accordance with federal, provincial and local regulations.

Storage Corrosive materials should be stored in a separate safety storage cabinet or room. Keep container tightly closed in a cool, well-ventilated place.

Precautions Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection.

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 the spill area with running water.

Section IX. Personal protective equipment

Gloves Rubber gloves.

Respiratory Wear appropriate respirator when ventilation is inadequate.

Eyes Splash goggles. Face shield.

Other Full suit, apron, face shield, boots: are recommended under exceptional circumstances such as fire, spill, or for prolonged contact with bulk quantities.

Eng. controls Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

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 or 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
