

Section I. Product Identification and Uses

		HMIS (HFRP)	
		Health Hazard	2
		Fire Hazard	0
		Reactivity	0
		Personal Protection s	
Common / Trade name	GERMALIN CL.DEGR.DISINFECTANT	TDG	TDG Class 8: Corrosive liquid.
WHMIS	Corrosive, liquid.	PIN	UN1760, Corrosive liquid n.o.s. (Disodium trioxosilicate).
Code	2006	PG	III
Material uses	Industrial applications: Disinfectant, cleaner.		

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Tetrapotassium pyrophosphate	7320-34-5	1-5	Not available.	ORAL (LD50): Acute: 2980 mg/kg [Rat]. DERMAL (LD50): Acute: 7940 mg/kg [Rabbit].
Ethoxylated C12-15 alcohol	68131-39-5	1 - 5	Not available.	ORAL (LD50): Acute: 4150 mg/kg [Rat]. DERMAL (LD50): Acute: > 2000 mg/kg [Rabbit].
Sodium metasilicate, anhydrous	6834-92-0	1 - 5	Not available.	ORAL (LD50): Acute: 600 mg/kg [Rat].
Alkyl dimethylbenzylammonium chloride	68391-01-5	0.5 - 1.5	Not available.	ORAL (LD50): Acute: 570 mg/kg [Rat].
Alkyl dimethyl ethylbenzylammonium chloride	68956-79-6	0.5 - 1.5	Not available.	ORAL (LD50): Acute: 570 mg/kg [Rat].
Tetrasodium ethylene diamine tetraacetate	64-02-8	0.1 - 1.0	Not available.	ORAL (LD50): Acute: > 2000 mg/kg [Rat].
Ethyl alcohol	64-17-5	0.1-1	Not available.	ORAL (LD50): Acute: 8300 mg/kg [Mouse]. 13700 mg/kg [Rat]. 17750 mg/kg [Rat].

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	Remove the contaminated clothes as quickly as possible. Thoroughly wash the contaminated skin with running water. If irritation persists, seek medical attention.
Inhalation	Allow the victim to rest in a well ventilated area. Seek medical attention if discomfort persists.
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. (Clear.)	Colour	Green.
pH (1% soln/water)	11.2 to 11.5 (Conc. (% w/w): 1) [Basic.]	Odour	Lemon like.
pH (concentrate)	12.5-13.5	Volatility	Not available
Boiling point	The lowest known value is 100°C (212°F) (Water).	Vapour density	Weighted average: 1 (Air = 1)
Specific gravity	1.07-1.08 (Water = 1)	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	Use DRY chemicals, CO2, water spray or foam.

Section VI. Reactivity data

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

Section VII. Toxicological properties

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

Toxicity for animals See section II.

Acute effects Irritating to eyes and skin. Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract.

Chronic effects Non-hazardous in case of inhalation. CARCINOGENIC EFFECTS: Classified None. MUTAGENIC EFFECTS: Classified None. for human [Silicic acid, disodium salt]. TERATOGENIC EFFECTS: Classified None. for human [Silicic acid, disodium salt]. DEVELOPMENTAL TOXICITY: Not toxic. The substance is toxic to lungs. Repeated or prolonged exposure to the substance can produce target organs damage.

Section VIII. Preventive measure

Waste disposal Dispose of material according to regional, provincial and federal regulations. Consult your local or regional authorities.

Storage Bases (alkalis) should be stored in a separate safety storage cabinet or room. Store in a dry, cool and well ventilated area.

Precautions Avoid contact with skin and eyes. Avoid breathing vapors of this product. Wear suitable protective clothing, gloves and eye/face protection.

Spill and leak 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.

Respiratory In case of insufficient ventilation, wear suitable respiratory equipment.

Eyes Splash goggles.

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

Validated by the Regulatory Affairs Department on 26 Jan. 2015

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
