

950 MICHELIN

LAVAL QC H7L 5C1

**Section I. Product Identification and Uses****HMIS (HFRP)**

**Health Hazard** 2  
**Fire Hazard** 0  
**Reactivity** 0  
**Personal Protection** b

<b>Common / Trade name</b>	DG 194 DIN	<b>TDG</b>	Class 8
<b>WHMIS</b>	D1B, D2B, E	<b>PIN</b>	UN1760 CORROSIVE LIQUID, N.O.S. (Disodium trioxosilicate)
<b>Code</b>	0204	<b>PG</b>	III
<b>Material uses</b>	Industrial applications: cleaner , disinfectant, sanitizer, fungicide, deodorizer		

**Section II. Hazardous Ingredients**

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Nonyl phenol ethoxylate	9016-45-9	3 - 7	Not available.	ORAL (LD50): Acute: 1310 mg/kg [Rat].
Sodium pyrophosphate decahydrate	7722-88-5	1 - 5	Not available.	Not available.
Sodium metasilicate, anhydrous	6834-92-0	1 - 5	Not available.	ORAL (LD50): Acute: 600 mg/kg [Rat].
Alkyl dimethylbenzylammonium chloride	68391-01-5	0.8	Not available.	ORAL (LD50): Acute: 570 mg/kg [Rat].
Alkyl dimethyl ethylbenzylammonium chloride	68956-79-6	0.8	Not available.	ORAL (LD50): Acute: 570 mg/kg [Rat].
Ethanol	64-17-5	0.1 - 1	Not available.	ORAL (LD50): Acute: 7060 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**

<b>Physical state and appearance</b>	Liquid. (Clear.)	<b>Colour</b>	Green.
<b>pH (1% soln/water)</b>	Not available	<b>Odour</b>	Perfumed.
<b>pH (concentrate)</b>	12.9 - 13.4	<b>Volatility</b>	83% (v/v).
<b>Boiling point</b>	100°C (212°F)	<b>Vapour density</b>	Weighted average: 1 (Air = 1)
<b>Specific gravity</b>	1.075 to 1.085 (Water = 1)	<b>Vapour pressure</b>	17.2 mm of Hg (@ 20°C) (Water).
<b>Solubility</b>	Easily soluble in cold water, hot water, methanol. Soluble in diethyl ether. Very slightly soluble in n-octanol.		

**Section V. Fire and Explosion Data**

**The product is** Non-flammable.

**Auto-ignition temperature** Not applicable.

**Flash points** Not applicable.

**Degradation products** Carbon oxides (CO, CO<sub>2</sub>), nitrogen oxides (NO, NO<sub>2</sub>...). halogenated compounds

**Extinguishing media** Use DRY chemicals, CO<sub>2</sub>, water spray or foam.

**Section VI. Reactivity data**

**Stability** The product is stable.

**Decomp. products** See fire degradation products.

**Reactivity** Reactive with oxidizing agents, acids. Slightly reactive to reactive with organic materials, metals.

## Section VII. Toxicological properties

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

**Toxicity for animals** Not available

**Acute effects** Hazardous in case of ingestion, skin contact (irritant) and eye contact (irritant).

**Chronic effects** CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic for blood, kidneys, liver and reproductive system. Repeated or prolonged contact with spray mist may produce chronic eye, skin and respiratory tract irritation.

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## Section VIII. Preventive measure

**Waste disposal** Do not empty into drains; dispose of this material and its container in a safe way. Dispose of material according to regional, provincial and federal regulations. Consult your local or regional authorities.

**Storage** Do not store in food processing or food storage area. Keep container tightly closed. Keep container in a cool, well-ventilated area.

**Precautions** Keep out of reach of children. Avoid contact with skin and eyes. In case of contact with liquid, wash with water and get medical attention. Wear suitable gloves and eye/face protection. If ingested, seek medical advice immediately and show the container or the label.

**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.

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## Section IX. Personal protective equipment

**Gloves** Gloves (impervious)

**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.

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## Section X. Preparation and other Information

Validated by the Regulatory Affairs Department on 9 July 2010

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### EMERGENCY: 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.

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## 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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