

Section I. Product Identification and Uses

**HMIS (HFRP)**  
**Health Hazard** 2  
**Fire Hazard** 0  
**Reactivity** 1  
**Personal Protection** f

**Common / Trade name** CONTROL PLUS  
**WHMIS** C, D2B, E  
**Code** 0599  
**Material uses** Industrial applications: Chlorinated detergent for automatic dishwasher

**TDG** Class 8  
**PIN** UN1759 CORROSIVE SOLID, N.O.S.(SODIUM HYDROXIDE)  
**PG** II

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Sodium carbonate	497-19-8	15 - 40	Not available.	ORAL (LD50): Acute: 4090 mg/kg [Rat].
Sodium hydroxide	1310-73-2	15 - 40	TWA: 2 µg/m <sup>3</sup> 8 hour(s).	ORAL (LD50): Acute: 500 mg/kg [Rabbit].
Sodium dichloroisocyanurate	2893-78-9	3 - 7	Not available.	ORAL (LD50): Acute: 1420 mg/kg [Rat]. 1670 mg/kg [Mouse]. DERMAL (LD50): Acute: 5000 mg/kg [Rabbit].
Sodium silicate	1344-09-8	1 - 5	Not available.	ORAL (LD50): Acute: 5800 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** In case of contact, immediately flush skin with plenty of water. If irritation persists, seek medical attention.  
**Inhalation** Allow to rest in a well ventilated area. Seek immediate medical attention.  
**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>	Solid.	<b>Colour</b>	White.
<b>pH (1% soln/water)</b>	12 to 12.6 (Conc. (% w/w): 1) [Basic.]	<b>Odour</b>	Chlorine
<b>pH (concentrate)</b>	Not applicable	<b>Volatility</b>	Not available.
<b>Boiling point</b>	Not available.	<b>Vapour density</b>	Not available.
<b>Specific gravity</b>	Weighted average: 2.03 (Water = 1)	<b>Vapour pressure</b>	Not applicable.
<b>Solubility</b>	Easily soluble in cold water, hot 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, CO<sub>2</sub>, water spray or foam.

Section VI. Reactivity data

**Stability** The product is stable.  
**Decomp. products** Toxic fumes such as hydrogen chloride gas may be released when in contact with acids.  
**Reactivity** Reactive with oxidizing materials, reducing materials, acids, toilet bowl cleaners, rust removers, ammonia.

Section VII. Toxicological properties

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

**Toxicity for animals** Acute oral toxicity (LD50): > 1000 mg/kg [Rat].

**Acute effects** Dangerous in case of skin contact (corrosive), of ingestion, of eye contact (corrosive). Skin contact may produce burns. Inhalation of dust will produce irritation to gastro-intestinal or respiratory tract, characterized by burning, sneezing and coughing.

**Chronic effects** CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation. Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation.

**Section VIII. Preventive measure**

<b>Waste disposal</b>	Dispose of material according to regional, provincial and federal regulations. Consult your local or regional authorities.
<b>Storage</b>	Keep container tightly closed. Keep container in a cool, well-ventilated area. Separate from acids, alkalis, reducing agents and combustibles.
<b>Precautions</b>	Keep away from heat. Keep away from combustible material. Do not breathe dust. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Keep away from incompatibles such as oxidizing agents, organic materials, metals, acids.
<b>Spill and leak</b>	Corrosive solid! Use appropriate tools to put the spilled solid in a convenient waste disposal container. Dilute with water and mop up, or absorb with an inert DRY material.

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**Section IX. Personal protective equipment**

<b>Gloves</b>	Gloves.
<b>Respiratory</b>	Wear appropriate respirator when ventilation is inadequate.
<b>Eyes</b>	Splash goggles.
<b>Other</b>	Full suit, apron, face shield, boots: are recommended under exceptional circumstances such as fire, spill, or for prolonged contact with bulk quantities.
<b>Eng. controls</b>	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**

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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 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.

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**Annex A. Legend**

<b>HMIS</b>	Hazardous Materials Identification System
<b>WHMIS</b>	WHMIS Workplace Hazardous Materials Information System
<b>TDG</b>	Transport Dangerous Goods
<b>PIN</b>	Product Identification Number
<b>PG</b>	Packaging Group

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