



# SAFETY DATA SHEET

Revision date: 5/6/2019

Supersedes: Not applicable

Version: 2

## 1. Identification of the substance/preparation and of the company/undertaking

### Product Identifier

Product name: Signature Select Toilet Bowl Cleaner with Bleach

Other means of identification

Synonyms None

### Intended use of the product

Use of the substance/mixture: General purpose cleaning – consumer product

### Details of the supplier of the safety data sheet

Supplier Name Gemini Packaging Ltd.

Supplier Address 150-12071 Jacobson Way, Richmond, BC,

Canada V6W 1L5

1-604-278-3455

Emergency telephone number 613-996-6666 (Canutec 24 hours)

## 2. Hazard Identification


### **Classification**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standards (29 CFR 1910.1200).

Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1

### GHS label elements including precautionary statements

Emergency Overview

Signal word	Danger			
<b>Hazard statements</b>	Causes severe skin burns and eye damage Causes serious eye damage			
				
Appearance	Opaque, blue	Physical State	Gel	Odor    Citrus

Precautionary statements – Prevention

Wash face, hands and any exposed skin thoroughly after handling.

Wear protective gloves, protective clothing, face protection, and eye protection such as safety glasses.

Precautionary statements – Response

Immediately call a poison center or doctor.

**Eyes**

IF IN EYS: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Skin (or Hair)**

Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.

**Swallowed**

Rinse mouth, Do NOT induce vomiting.

**Inhaled**

Remove person to fresh air and keep comfortable for breathing.

Precautionary statement – Storage

Store in original container out of reach of small children. Keep securely closed in a cool, well ventilated area.

### Precautionary statement – Disposal

Do not reuse empty container. Rinse and discard or recycle.

### Hazards not otherwise classified (HNOC)

Although not expected, heart conditions or chronic respiratory problems such as asthma, chronic bronchitis, or obstructive lung disease may be aggravated by exposure to high concentration of vapor or mist.

### Other information

Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

### Interaction with other chemicals

Reacts with other household chemicals such as products containing hydrochloric acid such as toilet bowl cleaners, rust removers, acids, or products containing ammonia to produce hazardous irritating gases, such as chlorine and other chlorinated compounds.

## **3. Composition/Information on ingredients**

<b>Chemical Name</b>	<b>CAS No.</b>	<b>Wt %</b>	<b>GHS-US classification</b>
Water	7732-18-5	95 – 98	
Sodium hypochlorite	7681-52-9	0.5 – 1.0	
Sodium hydroxide	1310-73-2	1.1 – 0.5	
Disodium metasilicate	6834-92-0	0.1 – 0.5	

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

## **4. First Aid Measures**

### First Aid Measures

#### General Advice

Show this safety data sheet to the doctor in attendance.

#### Inhalation

If symptoms of exposure develop, remove to fresh air. Seek medical attention if symptoms persist.

#### Skin Contac

Remove contaminated clothing. Wash all affected and exposed areas with soap and water. If irritation or redness persists, seek medical attention.

Eye Contact	Expose eyes should be immediately flushed with copious amounts of water using a steady stream for a minimum of 15 minutes. Do not rub affected area. If irritation, pain, swelling or tearing persistent, seek medical attention.
Ingestion	If swallowed, get medical attention by call in Poison Control Center or hospital immediately. Have person sip a glassful of water if able to swallow. DO NOT induce vomiting unless told to do so by a poison control center or doctor.
Protection of first-aiders	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Most important Symptoms    Stinging and irritation of eyes.

& Effects

Indication of any immediate medical attention and special treatment needed

Notes to Physician            Treat symptomatically.

<b>5. Firefighting Measures</b>
---------------------------------

Suitable Extinguishing Media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Alcohol foam, carbon dioxide, dry chemicals and water fog.

Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical

This product causes burns to eyes, skin, and mucous membranes. Thermal decomposition can release sodium chlorate and irritating gases and vapors. Container may melt and leak in heat of fire.

### Explosive Data

Sensitivity to Mechanical Impact: No.

Sensitivity to Static Discharge: No.

### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

<b>6. Accidental Release Measures</b>
---------------------------------------

### Personal Precautions, Protective Equipment and Emergency Procedure

Personal Precautions            Remove all sources of ignition. Avoid contact with eyes, skin and clothing. Use personal protective equipment as required.

Other information                Refer to protective measures listed in Sections 7 and 8

### Environmental Precautions

Environmental Precautions    See Section 12 for ecological information

### Methods and Material for Containment and Cleaning up

Methods for Containment        Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up        Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material. Dike large spills.

<b>7. Handling &amp; Storage</b>
----------------------------------

### Precautions for Safe Handling

Handling                            KEEP OUT OF REACH OF CHILDREN AND PETS. Use only as directed. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes, skin or clothing. Ensure adequate ventilation. Do not eat, drink or smoke when using this product.

## Conditions for Safe Storage, Including any Incompatibilities

Storage	Keep containers tightly closed in a dry, cool and well-ventilated place. Use personal protective equipment as required. For spills of multiple products, responders should evaluate the SDSs of the products for incompatibility with sodium hypochlorite. Breathing protection should be worn in enclosed and/or poorly-ventilated area until hazard assessment is complete. Do not freeze. Store in a location inaccessible to children.
Incompatible Products	Other toilet bowl cleaners, rust removers, acids, or products containing ammonia.

## **8. Exposure Controls / Personal Protection**

### Control Parameters

Exposure Guidelines:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium hypochlorite 7681-52-9	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
Sodium hydroxide 1310-73-2	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	

*ACGIH TLV: American Conference of Governmental Industrial Hygienists – Threshold Limit Value.*

*OSHA PEL: Occupational Safety and Health Administration – Permissible Exposure Limits*

*NIOSH IDLH: National Institute of Occupational Safety and Health - Immediately Dangerous to Life or Health.*

Other Exposure Guidelines *Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11<sup>th</sup> Cir., 1992)*

### Appropriate Engineering Controls

Engineering Measures Showers, eyewash stations, ventilation systems

### Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: If splashes are likely to occur: Wear safety glasses with side shields (or goggles). None required for consumer use.

Skin and Body Protection Wear protective gloves and protective clothing.

Respiratory Protection If exposure limits are exceeded or irritation is experienced. NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne

contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measure

Remove and wash contaminated clothing before re-use. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Use only with adequate ventilation.

<b>9. Physical &amp; Chemical Properties</b>
--

**Physical and Chemical Properties**

<b>Physical States</b>	Gel	<b>Odor</b>	Citrus
<b>Appearance</b>	Opaque	<b>Odor Threshold</b>	No information available
<b>Color</b>	Blue		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks/Methods</u></b>
<b>pH</b>	<b>11.8 – 12.2</b>	None known
<b>Melting/freezing point</b>	Non data available	None known
<b>Boiling point/boiling range</b>	Non data available	None known
<b>Flash point</b>	100°C	ASTM D56
<b>Evaporation rate</b>	Non data available	None known
<b>Flammability (solid, gas)</b>	Non data available	None known
<b>Flammability limits in Air</b>		
<b>Upper flammability limit</b>	Non data available	None known
<b>Lower flammability limit</b>	Non data available	None known
<b>Vapor pressure</b>	Non data available	None known
<b>Vapor density</b>	Non data available	None known
<b>Specific Gravity</b>	about 1.020	None known
<b>Water solubility</b>	soluble in water	None known
<b>Solubility in other solvents</b>	Non data available	None known
<b>Partition coefficient: n-octanol/water</b>	Non data available	None known
<b>Auto-ignition temperature</b>	Non data available	None known
<b>Decomposition temperature</b>	Non data available	None known
<b>Kinematic viscosity</b>	about 900 cps	None known
<b>Dynamic viscosity</b>	Non data available	None known

<b>Explosive properties</b>	Not explosive	None known
<b>Oxidizing properties</b>	Non data available	None known
<b>Other information</b>		
<b>Softening point</b>	Non data available	None known
<b>VOC content (%)</b>	Non data available	None known
<b>Particle size</b>	Non data available	None known
<b>Particle size distribution</b>	Non data available	None known

## 10. Stability & Reactivity

### Reactivity

Reacts with other household chemicals such as products containing hydrochloric acid such as toilet bowl cleaners, rust removers, acids, or products containing ammonia to produce hazardous irritating gases, such as chlorine and other chlorinated compounds.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reaction

None under normal processing.

### Conditions to Avoid

None known based on information supplied.

### Incompatible Materials

Other toilet bowl cleaners, rust removers, acids, or products containing ammonia.

### Hazardous Decomposition Products

Chlorine.





STOT – repeated exposure	No information available.
Chronic Toxicity	Carcinogenic potential is unknown.
Target Organ Effects	Respiratory system, eyes, skin, gastrointestinal tract (GI).
Aspiration hazard	No information available.

Numerical measures of toxicity – Product Information

The following values are calculated based on chapter 3.1 of the GHS document      No information available

<b>12. Ecological Information</b>
-----------------------------------

<u>Ecotoxicity</u>	Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.
<u>Persistence and Degradability</u>	No information available.
<u>Bioaccumulation</u>	No information available.
<u>Mobility in soil</u>	No information available.
<u>Other adverse effects</u>	No information available.

<b>13. Disposal Considerations</b>
------------------------------------

Disposal methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Dispose of in accordance with all applicable federal, state, and local regulations.

Contaminated packaging

Do not reuse empty containers. Dispose of in accordance with all applicable federal, state and local regulations.

**14. Transportation Information****Land transport                      LIMITED QUANTITY**US DOT & Canada TDG surface transportation

UN-Number	UN1760
Proper shipping names	CORROSIVE LIQUID, N.O.S.
Hazard Class	8
Packaging Group	II
Description	UN1760, CORROSIVE LIQUID, N.O.S. (SODIUM HYPOCHLORITE, SODIUM HYDROXIDE), 8, II  Re-classed as limited quantity.

**Sea Transport**IMDG / IMO

UN-Number	UN1760
Proper shipping names	CORROSIVE LIQUID, N.O.S.
Class	8
Packaging group	II
EMs No.	None
Marine Pollutant	Sodium hypochlorite
Description	UN1760, CORROSIVE LIQUID, N.O.S. (SODIUM HYPOCHLORITE, SODIUM HYDROXIDE), 8, II  Re-classed as limited quantity.

**Air transport**ICAO / IATA

UN-Number	UN1760
-----------	--------

Proper shipping name	CORROSIVE LIQUID, N.O.S.
Hazard Class	8
Packaging Group	II
Description	UN1760, CORROSIVE LIQUID, N.O.S. (SODIUM HYPOCHLORITE, SODIUM HYDROXIDE), 8, II Re-classed as limited quantity.

<b>15. Regulatory Information</b>
-----------------------------------

Chemical Inventories

TSCA All components of this product are either on the US TSCA Inventory or otherwise exempt from listing.

DSL/NDSL All components are on the DSO or NDSL.

*TSCA – United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List*

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**Clean Water Act**

This product contains the following substance which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA – Reportable Quantities	CWA – Toxic Pollutants	CWA – Priority Pollutants	CWA – Hazardous Substances
Sodium hypochlorite 7681-52-9	100 lb			x
Sodium hydroxide 1310-73-2	1000 lb			x

## CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Sodium hypochlorite 7681-52-9	100 lb	-	RQ 100 lb final RQ
Sodium hydroxide 1310-73-2	1000 lb	-	RQ 1000 lb final RQ

## EPA Statement

Not applicable.

### US State Regulations

California Proposition 65

This product contains no cocamide DEA.

### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Sodium hypochlorite 7681-52-9	x	x	x	x	
Sodium hydroxide 1310-73-2	x	x	x	x	

### International Regulations

#### Canada

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

**WHMIS Hazard Class**      **E – corrosive material**

## 16. Other Information

NFPA

Health Hazard 3 Flammability 0 Instability 0 Physical & Chemical Hazard 0

HMIS

Health Hazard 3 Flammability 0 Physical Hazards 0 Personal Protection B

Prepared by Gemini Packaging Limited  
150 – 12071 Jacobson Way  
Richmond, BC  
Canada V6W 1L5  
1-800-665-0991

Revision Date 5/6/2019

Revision Note New

General Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge. Information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet