

# SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION

**Product name:** Classic Liquid Sanitizer (#1026)

**Recommended use:** Sanitizer for dishes

**Manufacturer:** EnviroWay Detergent Manufacturing Incorporated  
2241 Hanselman Ave.  
Saskatoon, SK S7L 6A7, Canada  
Tel: 306-244-7727  
Fax: 306-244-7772  
Toll free: 1-888-274-0862, [www.enviroway.ca](http://www.enviroway.ca)

**Emergency phone:**

**Leak and Spill:** 1-800-667-7525 (SASK SPILLS) for the Province of Saskatchewan  
1-866-845-6037 (Environment Canada) for anywhere else

**In Transit:** 1-613-996-6666 or \*666 on cellular phone (CANUTEC)

**Poison Control:** 1-866-454-1212 (Saskatchewan)

## SECTION 2: HAZARD IDENTIFICATION

### CONCENTRATE HAZARDS:

#### Hazard classification

Skin corrosion/irritation	Category 1B
Serious eye damage/irritation	Category 1
Corrosive to metals	Category 1

**Signal word**     Danger



#### Hazard statements

Causes severe skin burns and eye damage.  
May be corrosive to metals.

#### Precautionary statements

**Prevention**     Keep only in original packaging.  
Wash thoroughly after handling.  
Wear protective gloves, protective clothing, eye protection, and face protection.  
Do not breathe mist, vapours or spray.

**Response**     Absorb spillage to prevent material-damage.  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

**IF ON SKIN (or hair):** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTRE or doctor/physician.

**Storage** Store locked up.

**Disposal** Dispose of in accordance with local regulations at government approved waste sites.

### SECTION 3: COMPOSITION

The following ingredients have hazardous properties:

Ingredient	CAS #	% by weight
Sodium hypochlorite	7681-52-9	10-15

Ingredients not shown are either not hazardous or present below cut-off values. Ranges shown are due to batch-to-batch variation.

### SECTION 4: FIRST AID MEASURES

**IF SWALLOWED:** If swallowed, rinse mouth. Do NOT induce vomiting. Seek immediate medical attention.

**IF ON SKIN (or hair):** Rinse skin with water. Remove immediately all contaminated clothing and wash before reuse. Seek immediate medical attention.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Seek immediate medical attention.

**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTRE or doctor/physician.

### SECTION 5: FIRE FIGHTING MEASURES

**Flammable:** Not flammable

**Means of Extinction:** Use dry chemicals, CO<sub>2</sub>, water spray, fog, or foam.

**Special Fire Fighting Procedures:** Use water spray to keep containers cool. Fire fighters should wear self-contained breathing apparatus and full protective clothing.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Leak and Spill Procedures:** Mop spillage. Use a water rinse for final cleanup.

### SECTION 7: HANDLING AND STORAGE

**Handling Procedures and Equipment:** Wear protective gloves, protective clothing, eye protection, and face protection. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathing mist, vapours or spray. When diluting, always add acid to water and never water to acid. Empty containers may contain hazardous residues and should be commercially cleaned before reuse.

**Storage Requirements:** Store in a dry, cool, well-ventilated area. Store away from direct sunlight and heat. Do not allow to freeze. Store in original container with closed lid, away from incompatible materials such as strong oxidizing agents. Store locked up.

## SECTION 8: PERSONAL PROTECTION

Ingredient	Exposure limit – ACGIH	Exposure limit – OSHA	Exposure limit – IDLH
Sodium hypochlorite	Not available	Not available	Not available

**Gloves:** Wear protective gloves

**Eye:** Wear eye and face protection

**Clothing:** Wear protective clothing

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Greenish yellow liquid

**Odour:** Strong chlorine odour

**Odour Threshold (ppm):** Information not available

**pH:** >12

**Freezing Point:** -25°C

**Initial Boiling Point/Range:** 110°C (15%)

**Flash point:** Information not available

**Evaporation Rate:** Information not available

**Flammability:** Not flammable

**Upper/lower flammability/explosive limit:** Information not available

**Vapour Pressure (mmHg):** Not known

**Vapour Density (air = 1):** Information not available

**Relative density:** 1.165

**Solubility in Water:** Miscible

**Partition coefficient:** Information not available

**Auto-ignition temperature:** Information not available

**Decomposition temperature:** Information not available

**Viscosity:** Information not available

## SECTION 10: STABILITY AND REACTIVITY

**Chemical Stability:** Stable

**Hazardous Polymerization:** Will not occur.

**Materials to Avoid:** Strong acids, ammonia, amines, urea, oxidizable materials, nickel, copper, tin manganese, and iron.

**Hazardous Decomposition Products:** Chlorine, oxygen, copper, nickel, sodium chloride and sodium chlorate.

## SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient	LD50 oral (mg/kg) (rat)	LD50 dermal (mg/kg)	LC50 inhalation (mg/L)
Sodium hypochlorite	8910	Not available	Not available

### EFFECTS OF ACUTE EXPOSURE:

**Ingestion:** Can cause burns to the mouth, throat, esophagus and gastrointestinal tract with symptoms of nausea, vomiting and diarrhoea.

**Skin Contact:** Causes severe eye damage.

**Eye Contact:** Causes severe skin burns.

**Germ cell mutagenicity:** Not applicable

**Carcinogenicity:** Not applicable

**Reproductive toxicity:** Not applicable

**STOT single exposure:** Not applicable

**STOT repeated exposure:** Not applicable

**Aspiration hazard:** Not applicable

**Routes of exposure:** Ingestion, inhalation, skin/eye exposure

**EFFECTS OF CHRONIC EXPOSURE:**

**Skin Contact:** Not known.

**Eye Contact:** Not known.

**Ingestion:** Not known

**Numerical measures of toxicity:**

**Oral:** LD50 74,250mg/kg

**Dermal:** Information not available

**Inhalation:** Information not available

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:**

Ingredient	Fish	Crustaceans	Algae
Sodium hypochlorite	LC <sub>50</sub> (96h): 0.58 mg/L (Lepomis macrochirus)	EC <sub>50</sub> (48h): 0.169 mg/L (Daphnia magna)	Not available

**Persistence and Degradability:** No information available

**Bioaccumulation/Accumulation:** No information available

**Mobility:** No information available

**Other adverse effects:** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal:** Dispose of in accordance with local regulations at government approved waste sites.

## SECTION 14: TRANSPORT INFORMATION

**Special Shipping Information:** None

**TDG (Canada):**

**TDG Proper Shipping Name:** Hypochlorite solution

**Hazard Class:** Class 8

**UN Number:** UN1791

**Packing Group:** III

**Note:** No additional remark.

**Marine Pollutant:** None

## SECTION 15: REGULATORY INFORMATION

**Canadian DSL Inventory Status:** All ingredients are specified on the Domestic Substances List or exempt

## SECTION 16: OTHER INFORMATION

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