

# SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION

**Product name:** Window Kleen (#801)

**Recommended use:** Window cleaner

**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.envioway.ca](http://www.envioway.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

### Hazard classification

Flammable liquids	Category 4
Skin corrosion/irritation	Category 3
Serious eye damage/irritation	Category 2A

**Signal word** Warning



### Hazard statements

Combustible liquid.

Causes mild skin irritation.

Causes serious eye irritation.

### Precautionary statements

**Prevention** Keep away from heat, hot surfaces, open flames, sparks and other ignition sources. No smoking.

Wash hands thoroughly after handling.

Wear protective gloves, protective clothing, eye protection, and face protection.

**Response** In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water.

If skin irritation occurs: Get medical advice/attention.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Storage** Store in a well-ventilated place. Keep cool.

**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
Isopropyl Alcohol	67-63-0	10-20
ethylene glycol monobutyl ether	111-76-2	1-5

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 large quantities are consumed, it may cause headache, nausea, vomiting and diarrhoea

**IF ON SKIN:** Wash thoroughly after handling. If skin irritation occurs: Get medical advice/attention.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. If eye irritation persists: Get medical advice/attention.

**IF exposed or concerned:** Get medical advice/attention if you feel unwell.

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing. If person is not breathing perform CPR.

## SECTION 5: FIRE FIGHTING MEASURES

**Flammable:** Flammable liquid and vapour

**Means of Extinction:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Flashpoint:** ~30°C

**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:** Flush liquid to sewer with plenty of water, if the spill is small. Large spills should be contained by surrounding with soil or other non-combustible absorbent material and then pump into DOT approved containers.

## SECTION 7: HANDLING AND STORAGE

**Handling Procedures and Equipment:** Handle in accordance with good industrial hygiene.

**Storage Requirements:** Store in a dry and well ventilated place away from incompatible materials. Avoid contact with skin and eyes.

**\*\*\*KEEP OUT OF REACH OF CHILDREN\*\*\***

## SECTION 8: PERSONAL PROTECTION

Ingredient	Exposure limit – ACGIH	Exposure limit – OSHA	Exposure limit – IDLH
Isopropyl Alcohol	Not available	Not available	Not available
ethylene glycol monobutyl ether	100mg/m3 STEL	50ppm TWA	Not available

**Gloves:** Wear protective gloves

**Respirator:** Not required for regular use

**Eye:** Wear eye protection

**Footwear:** Not required for regular use

**Clothing:** Wear protective clothing

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Blue liquid

**Odour:** Mild scent

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

**pH:** 10.4

**Freezing Point:** 0°C

**Initial Boiling Point/Range:** 100°C

**Flash point:** ~30°C

**Evaporation Rate:** 2.88

**Flammability:** Flammable liquid and vapour

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

**Vapour Pressure (mmHg):** Information not available

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

**Relative density:** Information not available

**Solubility in Water:** Soluble

**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:** Not known

**Materials to Avoid:** Not known.

**Hazardous Decomposition Products:** Oxides, carbon monoxide and carbon dioxide in case of fire.

## SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient	LD50 oral (mg/kg) (rat)	LD50 dermal (mg/kg)	LC50 inhalation (mg/L)
Isopropyl Alcohol	>5000	12800	72.6
ethylene glycol monobutyl ether	1300	220	450

**EFFECTS OF ACUTE EXPOSURE:**

**Ingestion:** Ingestions of large amounts may cause nausea, headaches, vomiting and diarrhoea.

**Skin Contact:** Causes mild skin irritation.

**Eye Contact:** Causes serious eye irritation.

**Inhalation:** May cause coughing, headaches, vomiting or nausea.

**Germ cell mutagenicity:** Not applicable

**Carcinogenicity:** Isopropyl Alcohol is listed as an IARC Group 3 carcinogen: not classifiable as to its carcinogenicity in humans

**Reproductive toxicity:** Not applicable

**STOT single exposure:** May cause drowsiness or dizziness.

**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 77,480 mg/kg

**Dermal:** LD50 42,618 mg/kg

**Inhalation:** LC50 395 mg/L

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:**

Ingredient	Fish	Crustaceans	Algae
Isopropyl Alcohol	LC50 9640 mg/L, 96h	EC50 7550 mg/L, 48h	Not available
ethylene glycol monobutyl ether	LC50 1474mg/L, 96h	Not available	Not available

**Persistence and Degradability:** Expected to be >50% biodegradable.

**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:** Flammable liquid, n.o.s. (isopropyl alcohol)

**Hazard Class:** 3

**UN Number:** UN1993

**Packing Group:** II

**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

**Disclaimer – Notice to Reader**

EnviroWay Detergent Manufacturing Incorporated, expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages. Do not use ingredient information and/or ingredient percentages in this SDS as a product specification. All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, EnviroWay makes no representations as to its accuracy or sufficiency. Conditions of use are beyond EnviroWay's control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.