

# SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION

**Product name:** H.D Bowl Kleen

**Other means of identification:** ENV-308

**Recommended use:** Bathroom Cleaner

**Restrictions on use:** Do not mix with bleach or other alkaline cleaners

**Manufacturer:** EnviroWay

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

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

## SECTION 2: HAZARD IDENTIFICATION

### Hazard classification

Acute toxicity (oral)

Category 4

Skin corrosion/irritation

Category 1

Serious eye damage/irritation

Category 1

Single Target Organ Toxicity (single exposure)

Category 2

**Signal word**    Danger



### Hazard statements

Harmful if swallowed.

Causes severe skin burns and eye damage.

May cause damage to organs.

### Precautionary statements

#### Prevention

Wash thoroughly after handling.

Do not eat drink or smoke when using this product.

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

Do not breathe mist, vapours or spray.

#### Response

Immediately call a POISON CENTER/doctor.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water. 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.

**Storage** Store locked up.  
**Disposal** Dispose of in accordance with local regulations at government approved waste sites.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/Mixture:** Mixture

The following ingredients have hazardous properties:

Chemical name	CAS #	% by weight
Urea, Monohydrochloride	506-89-8	60-70
Lauryl alcohol ethylene oxide	9002-92-0	1-5
Alkyl dimethyl benzyl ammonium chloride c12-16	68424-85-1	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:** Rinse mouth with water. Seek immediate medical attention.  
**IF ON SKIN:** Immediately remove contaminated clothing and wash before reuse. Rinse skin with water. Seek immediate medical attention.  
**IF IN EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical attention.  
**IF exposed or concerned:** Get medical advice/attention if you feel unwell.

Most important symptoms/effects/effects acute and delayed: See Section 11 for more detailed information on health effects and symptoms.

Immediate medical attention and special treatment needed: Not available

## SECTION 5: FIRE FIGHTING MEASURES

**Flammable:** No

**Suitable extinguishing media:** Alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media:** Do not use water jet as this will spread the fire.

**Flashpoint:** Not available

**Special Fire Fighting Procedures:** Fire fighters should wear self-contained breathing apparatus and full protective clothing.

**Hazardous Combustion Products:** carbon dioxide, carbon monoxide, nitrogen oxides, halogenated compounds

## 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 diking with soil or other non-combustible absorbent material and then put into dot approved containers.

## SECTION 7: HANDLING AND STORAGE

**Handling Procedures and Equipment:** Avoid contact with skin and eyes. Do not ingest. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build-up of electrostatic charge.

**Storage Requirements:** Store locked up. Store in original container with closed lid, away from incompatible materials such as strong oxidizing agents. Avoid food contamination.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient	Exposure limit – ACGIH	Exposure limit – OSHA	Exposure limit – IDLH
Urea, Monohydrochloride	Not available	Not available	Not available
Lauryl alcohol ethylene oxide	Not available	Not available	Not available
Alkyl dimethyl benzyl ammonium chloride c12-16	Not available	Not available	Not available

**Gloves:** Chemical resistant gloves.

**Respirator:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Eye:** Safety glasses should be worn while product is being handled.

**Clothing:** Wear appropriate chemical resistant clothing.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Pink liquid

**Odour:** Almond/cherry scent

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

**pH:** 1 or less

**Melting point/Freezing Point:** Information not available

**Initial Boiling Point/Range:** Not available

**Flash point:** Not available

**Evaporation Rate:** Information not available

**Flammability:** Not flammable

**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:** Will not occur.

**Materials to Avoid:** Harsh chemical substances such as strong oxidizing agents.

**Hazardous Decomposition Products:** Irritating and/or toxic fumes and gases may be emitted upon the products decomposition.

## SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient	LD50 oral (mg/kg) (rat)	LD50 dermal (mg/kg)	LC50 inhalation (mg/L)
Urea, Monohydrochloride	1121	Not available	Not available
Lauryl alcohol ethylene oxide	4150	72000	Not available
Alkyl dimethyl benzyl ammonium chloride c12-16	50	Not available	Not available

### EFFECTS OF ACUTE EXPOSURE:

**Ingestion:** Harmful if swallowed. Can cause burns to the mouth, throat, esophagus and gastrointestinal tract.

**Skin Contact:** Can cause severe skin burns.

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

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

**Germ cell mutagenicity:** Not applicable

**Carcinogenicity:** This product does not contain carcinogenic substances as classified by IARC, NTP, ACGIH or OSHA.

**Reproductive toxicity:** Not applicable

**STOT single exposure:** Not applicable

**STOT repeated exposure:** May cause damage to organs.

**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 1909 mg/kg

**Dermal:** LD50 60,096 mg/kg

**Inhalation:** LC50 22 mg/L

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity:

Ingredient	Fish	Crustaceans	Algae
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Urea, Monohydrochloride	Not available	Not available	Not available
Lauryl alcohol ethylene oxide	LC50 (96h) 1.4 mg/L	LC50 (48h): >6.46 mg/L	Not available
Alkyl dimethyl benzyl ammonium chloride c12-16	Not available	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:** Corrosive liquid, acidic, inorganic, n.o.s. (Urea, monohydrochloride)

**Hazard Class:** 8

**UN Number:** UN3264

**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. No safety, health, or environmental regulations specific to this product are known.

## SECTION 16: OTHER INFORMATION

**Date of latest revision:** Sept 20, 2019

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