

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product name: H.D Bowl Kleen (#308)

Recommended use: Bathroom 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

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

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

The following ingredients have hazardous properties:

Ingredient	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.

SECTION 5: FIRE FIGHTING MEASURES

Flammable: No
Means of Extinction: Alcohol-resistant foam, dry chemical or carbon dioxide. 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.

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: 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

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
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: 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

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