

# SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION

**Product name:** Tile & Grout Cleaner (#335)

**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](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

Skin corrosion/irritation

Category 2

Serious eye damage/irritation

Category 1

**Signal word** Danger



### Hazard statements

Causes skin irritation.

Causes serious eye damage.

### Precautionary statements

**Prevention** Wash hands thoroughly after handling.

Wear protective gloves, eye protection and face protection.

**Response** IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. 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. Continue rinsing. Immediately call a POISON CENTER/doctor.

## SECTION 3: COMPOSITION

The following ingredients have hazardous properties:

Ingredient	CAS #	% by weight
Sodium C10-16 benzenesulfonate	68081-81-2	1-5
Lauryl alcohol ethylene oxide	9002-92-0	10-20
Urea monohydrochloride	506-89-8	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. If symptoms occur, seek medical attention.

**IF ON SKIN:** Wash with plenty of water. Remove contaminated clothing and wash it before reuse. If irritation persists, seek medical attention.

**IF IN EYES:** Rinse eyes continuously for 30 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

**IF INHALED:** Remove victim to fresh air. If symptoms persist, seek medical attention.

**IF exposed or concerned:** Seek medical attention.

## SECTION 5: FIRE FIGHTING MEASURES

**Flammable:** No

**Means of Extinction:** Use water spray, dry chemical, CO<sub>2</sub> or alcohol foam for surrounding 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 in a cool, dry, well-ventilated place away from incompatible materials. Keep container tightly closed when not in use.

## SECTION 8: PERSONAL PROTECTION

Ingredient	Exposure limit – ACGIH	Exposure limit – OSHA	Exposure limit – IDLH
Sodium C10-16 benzenesulfonate	Not available	Not available	Not available
Lauryl alcohol ethylene oxide	Not available	Not available	Not available
Urea monohydrochloride	Not available	Not available	Not available

**Gloves:** Chemical resistant gloves.

**Respirator:** Use NIOSH-approved equipment when airborne exposure limits are exceeded.

**Eye:** Safety glasses if handling large amounts and if there is significant probability of splashes.

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

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Red liquid

**Odour:** Mild floral fragrance

**Odour Threshold (ppm):** TLV 1mg/m<sup>3</sup> (for phosphoric acid)

**pH:** 2.1

**Freezing Point:** ~ -5°C

**Initial Boiling Point/Range:** ~91°C

**Flash point:** Not available

**Evaporation Rate:** <1

**Flammability:** Not flammable

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

**Vapour Pressure (mmHg):** ~ 5 mmHg @ 25°C

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

**Relative density:** 1.05

**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:** Strong alkalis and strong oxidizers.

**Hazardous Decomposition Products:** May release sulphur trioxide, phosphorus pentoxide, carbon monoxide and carbon dioxide.

## SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient	LD50 oral (mg/kg) (rat)	LD50 dermal (mg/kg)	LC50 inhalation (mg/L)
Sodium C10-16 benzenesulfonate	1080	>2000	Not available
Lauryl alcohol ethylene oxide	4150	72000	Not available
Urea monohydrochloride	1121	Not available	Not available

### EFFECTS OF ACUTE EXPOSURE:

**Ingestion:** May cause irritation to the gastrointestinal tract.

**Skin Contact:** Causes skin irritation.

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

**Inhalation:** Generation of mists can cause irritation to the upper respiratory tract.

**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:** May cause damage to organs.

**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 9,514 mg/kg

**Dermal:** LD50 195,439 mg/kg

**Inhalation:** LC50 362 mg/L

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:**

Ingredient	Fish	Crustaceans	Algae
Sodium C10-16 benzenesulfonate	LC <sub>50</sub> (96h): 3 mg/L	EC <sub>50</sub> (48h): 1.62 - 9.3 mg/L (Daphnia)	EC <sub>50</sub> (72h): 29 mg/L
Lauryl alcohol ethylene oxide	LC <sub>50</sub> (96h) 1.4 mg/L	LC <sub>50</sub> (48h): >6.46 mg/L	Not available
Urea monohydrochloride	Not available	Not available	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:** Not regulated

**Hazard Class:** Not regulated

**UN Number:** Not regulated

**Packing Group:** Not regulated

**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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