

# SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION

**Product name:** 128x Neutral Floor Cleaner ULT-1701

**Recommended use:** industrial floor cleaner for use with dilution control system

**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

### CONCENTRATE HAZARDS:

#### Hazard classification

Flammable liquids	Category 4
Acute toxicity (oral)	Category 5
Acute toxicity (dermal)	Category 5
Skin corrosion/irritation	Category 1
Serious eye damage/irritation	Category 1
Sensitization	Category 1
Carcinogen	Category 1
STOT repeated exposure	Category 2

**Signal word**    Danger



#### Hazard statements

Combustible liquid.

May be harmful if swallowed.

May be harmful in contact with skin.

Causes severe skin burns and eye damage.

May cause an allergic skin reaction.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause cancer.

May cause damage to respiratory system through prolonged or repeated inhalation.

**Precautionary statements**

- Prevention**      Keep away from heat, hot surfaces, open flames, sparks and other ignition sources. No smoking.  
                          Wash thoroughly after handling.  
                          Wear protective gloves/protective clothing/eye protection/face protection.  
                          Do not breathe fume/mist/vapours/spray.  
                          In case of inadequate ventilation wear respiratory protection.  
                          Contaminated work clothing should not be allowed out of the workplace.  
                          Obtain special instructions before use.  
                          Do not handle until all safety precautions have been read and understood.
- Response**        In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.  
                          Immediately call a POISON CENTER or doctor/physician.  
                          IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a poison centre/doctor if you feel unwell.  
                          IF ON SKIN (or hair): Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash 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. Immediately call a POISON CENTER or doctor/physician.  
                          IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTRE or doctor/physician.  
                          IF exposed or concerned: Get medical advice/attention.
- Storage**            Store locked up. Store in a well-ventilated place.
- Disposal**            Dispose of in accordance with local regulations at government approved waste sites.

**READY-TO-USE/DILUTED HAZARDS:**

NONE

**SECTION 3: COMPOSITION**

The following ingredients have hazardous properties:

Ingredient	CAS #	% by weight
alkyl benzenesulfonic acid	68584-22-5	10-20
ethylene glycol monobutyl ether	111-76-2	5-10
tetrasodium ethylene diamine tetraacetate	64-02-8	1-5
sodium xylene sulfonate	1300-72-7	1-5
potassium hydroxide	1310-58-3	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 swallowed, rinse mouth. Do NOT induce vomiting. Call a POISON CENTRE/doctor if you feel unwell.

**IF ON SKIN (or hair):** Immediately call a POISON CENTER or doctor/physician. Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation or rash 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. Immediately call a POISON CENTRE/doctor.

**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:** Combustible liquid

**Means of Extinction:** In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

**Flashpoint:** 67°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:** 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/face protection. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathing fume/mist/vapours/spray. In case of inadequate ventilation wear respiratory protection. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

**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
alkyl benzenesulfonic acid	0.2mg/m <sup>3</sup> TWA	1mg/m <sup>3</sup> PEL	Not available
ethylene glycol monobutyl ether	100mg/m <sup>3</sup> STEL	50ppm TWA	Not available
tetrasodium ethylene diamine tetraacetate	Not available	Not available	Not available
sodium xylene sulfonate	Not available	Not available	Not available
potassium hydroxide	2mg/m <sup>3</sup> TLV-C	2mg/m <sup>3</sup> PEL-C	Not available

**Gloves:** wear protective gloves

**Eye:** wear eye and face protection

**Clothing:** wear protective clothing

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** yellow liquid

**Odour:** chemical scent

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

**pH:** 7.8

**Freezing Point:** Information not available

**Initial Boiling Point/Range:** Information not available

**Flash point:** 67°C

**Evaporation Rate:** Information not available

**Flammability:** Combustible liquid

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

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

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

**Relative density:** 1.05g/mL

**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:** Moisture, heat, exposure to harsh chemical substances such as strong oxidizing agents

**Hazardous Decomposition Products:** carbon monoxide and carbon dioxide.

## SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient	LD50 oral (mg/kg) (rat)	LD50 dermal (mg/kg)	LC50 inhalation (mg/L)
alkyl benzenesulfonic acid	500	2000	Not available
ethylene glycol monobutyl ether	1300	220	450
tetrasodium ethylene diamine tetraacetate	2000	Not available	1
sodium xylene sulfonate	7200	2000	Not available
potassium hydroxide	455	2800	Not available

### EFFECTS OF ACUTE EXPOSURE:

**Ingestion:** May cause nausea, vomiting, and gastrointestinal irritation and diarrhoea. May be harmful if swallowed.

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

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

**Germ cell mutagenicity:** Not applicable

**Carcinogenicity:** ethylene glycol monobutyl ether as listed as an ACGIH A3 carcinogen  
alkyl benzenesulfonic acid contains sulphuric acid, a IARC category 1 carcinogen

**Reproductive toxicity:** ethylene glycol monobutyl ether may cause reproductive effects based on studies in lab animals at high doses

**STOT single exposure:** Not applicable

**STOT repeated exposure:** may cause damage to respiratory system through prolonged or repeated inhalation

**Aspiration hazard:** Not available

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

**EFFECTS OF CHRONIC EXPOSURE:**

**Skin Contact:** Not known.  
**Eye Contact:** Not known.  
**Ingestion:** Not known

**CONCENTRATE Numerical measures of toxicity:**

**Oral:** LD50 2196mg/kg  
**Dermal:** LD50 1912mg/kg  
**Inhalation:** LC50 30mg/L

**READY TO USE/DILUTED Numerical measures of toxicity:**

**Oral:** LD50 68,579mg/kg  
**Dermal:** LD50 244,775mg/kg  
**Inhalation:** LC50 3854mg/L

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:**

Ingredient	Fish	Crustaceans	Algae
alkyl benzenesulfonic acid	LC50 1.67mg/L, 96h	EC50 2.4mg/L, 48h	EC50 47.3mg/L, 72h
ethylene glycol monobutyl ether	LC50 1474mg/L, 96h	Not available	Not available
tetrasodium ethylene diamine tetraacetate	LC50 >500mg/L, 96h	EC50 >100mg/L, 48h	Not available
sodium xylene sulfonate	LC50 >1000mg/L, 96h	EC50 >1000mg/L, 48h	EC50 230mg/kg, 72h
potassium hydroxide	LC50 80mg/L, 96h	LC50 40mg/L, 48h	EC50 1337mg/L, 120h

**Persistence and Degradability:** Biodegradable.  
**Bioaccumulation/Accumulation:** No information available.  
**Mobility:** No information available.  
**Other adverse effects:** No information available.

## 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, organic, N.O.S.

**Hazard Class:** Class 8 corrosive substances

**UN Number:** UN3265

**Packing Group:** II

**Note:** No additional remark.

**Marine Pollutant:** None

**DOT (US):**

**DOT Shipping Name:** Corrosive liquid, acidic, organic, N.O.S.

**DOT Hazardous Class:** Class 8 corrosive substances

**DOT UN Number:** UN3265

**DOT Packing Group:** II

**DOT Reportable Quantity (lbs):** Not Available.

**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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