

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

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

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.

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.
Do not breathe mist, vapours or spray.
In case of inadequate ventilation wear respiratory protection.
Contaminated work clothing should not be allowed out of the workplace.
- Response** In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
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.
- Storage** Store locked up. Store in a well-ventilated place.
- Disposal** Dispose of in accordance with local regulations at government approved waste sites.

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 ³ TWA	1mg/m ³ PEL	Not available
Ethylene glycol monobutyl ether	100mg/m ³ 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 ³ TLV-C	2mg/m ³ 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)	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.
Inhalation: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin Contact: Causes severe skin burns. May cause an allergic skin reaction.
Eye Contact: Causes severe eye damage.

Germ cell mutagenicity: Not applicable
Carcinogenicity: Ethylene glycol monobutyl ether as listed as an ACGIH A3 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: Not applicable
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	LC ₅₀ (96h): 1.67 mg/L	EC ₅₀ (48h): 2.4 mg/L	EC ₅₀ (72h): 47.3 mg/L
Ethylene glycol monobutyl ether	LC ₅₀ (96h): 1474 mg/L	Not available	Not available
Tetrasodium ethylene diamine tetraacetate	LC ₅₀ (96h): >500 mg/L	EC ₅₀ (48h): >100 mg/L	Not available
Sodium xylene sulfonate	LC ₅₀ (96h): >1000 mg/L	EC ₅₀ (48h): >1000 mg/L	EC ₅₀ (72h): 230 mg/L
Potassium hydroxide	LC ₅₀ (96h): 80 mg/L	LC ₅₀ (48h): 40 mg/L	EC ₅₀ (120h): 1337 mg/L

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. (Alkyl benzenesulfonic acid)

Hazard Class: 8

UN Number: UN3265

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.