

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product name: 9.1x Odour Neutralizer, ULT-1741

Recommended use: industrial odour neutralizer, for use by dilution

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

Acute toxicity (oral)

Category 5

Signal word

Warning

Hazard statements

May be harmful if swallowed

Precautionary statements

Call a POISON CENTER or doctor/physician if you feel unwell.

READY-TO-USE/DILUTED HAZARDS:

NONE

SECTION 3: COMPOSITION

The following ingredients have hazardous properties:

Ingredient	CAS #	% by weight
Bacterial cultures and enzyme mixture	Not available	20-30
Sodium xylene sulfonate	1300-72-7	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: Call a poison centre/doctor if you feel unwell.

SECTION 5: FIRE FIGHTING MEASURES

Flammable: No

Means of Extinction: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Flashpoint: Information not available

Special Fire Fighting Procedures: use self-contained breathing apparatus

SECTION 6: ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures: Collect spillage. Avoid creating mist. Use a water rinse for final cleanup. If bacterial contamination is an issue, use chlorine to kill bacillus spores.

SECTION 7: HANDLING AND STORAGE

Handling Procedures and Equipment:

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.

SECTION 8: PERSONAL PROTECTION

Ingredient	Exposure limit – ACGIH	Exposure limit – OSHA	Exposure limit – IDLH
Bacterial cultures and enzyme mixture	Not available	Not available	Not available
Sodium xylene sulfonate	Not available	Not available	Not available

Gloves: wear protective gloves

Eye: wear eye protection

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: creamy colour, liquid

Odour: citrus pine

Odour Threshold (ppm): Information not available

pH: 8.2

Freezing Point: Information not available

Initial Boiling Point/Range: Information not available

Flash point: Information not available

Evaporation Rate: Information not available

Flammability: Information not available

Upper/lower flammability/explosive limit: Information not available

Vapour Pressure (mmHg): Information not available

Vapour Density (air = 1): Information not available

Relative density: 1.04g/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: information not available.
Materials to Avoid: oxidizing chemicals. Acids and alkalis may inactivate the bacterial cultures.
Hazardous Decomposition Products: oxides of carbon and sulphur

SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient	LD50 oral (mg/kg) (rat)	LD50 dermal (mg/kg)	LC50 inhalation (mg/L)
Bacterial cultures and enzyme mixture	2000	Not applicable	Not applicable
Sodium xylene sulfonate	7200	2000	Not applicable

EFFECTS OF ACUTE EXPOSURE:

Ingestion: May cause irritation to gastrointestinal tract and may result in nausea and diarrhea. May be harmful if swallowed.
Skin Contact: May cause slight irritation after prolonged contact.
Eye Contact: May cause eye irritation.

Germ cell mutagenicity: Not applicable

Carcinogenicity: None of the ingredients are on IARC or ACGIH lists as carcinogens

Reproductive toxicity: Not applicable
STOT single exposure: Not applicable
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

CONCENTRATE Numerical measures of toxicity:

Oral: LD50 2073mg/kg
Dermal: LD50 38,535mg/kg
Inhalation: LC50 33,000mg/L

READY TO USE/DILUTED Numerical measures of toxicity:

Oral: LD50 16,008mg/kg

Dermal: LD50 365,476mg/kg
 Inhalation: LC50 303,930mg/L

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Ingredient	Fish	Crustaceans	Algae
Bacterial cultures and enzyme mixture	Not available	Not available	Not available
Sodium xylene sulphonate	LC50 >1000mg/L, 96h	EC50 >1000mg/L, 48h	EC50 230mg/kg, 72h

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: Not Regulated

Hazard Class: Not Applicable.

UN Number: Not Applicable.

Packing Group: Not Applicable.

Note: No additional remark.

Marine Pollutant: None

DOT (US):

DOT Shipping Name: Not Regulated.

DOT Hazardous Class: Not Applicable.

DOT UN Number: Not Applicable.

DOT Packing Group: Not Applicable.

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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