

Safety Data Sheet

SECTION 1: IDENTIFICATION

Product Name :- 128x All purpose cleaner

Other Product Identifiers :- ULT-1731

Recommended use :- All purpose cleaner for use with dilution control system.

Manufacturer: EnviroWay Manufacturing Inc

2241 Hanselman Ave.

Saskatoon, SK S7L 6A7,

CanadaTel: 306-244-7727

Fax: 306-244-7772

Toll free: 1-888-274-0862, www.enviroway.ca

Manufactured for: EnviroWay Manufacturing Inc.

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

(For undiluted form only)

Serious eye damage/irritation	Category 1
Skin corrosion/irritation	Category 2
Reproductive Toxicity	Category 2
Specific Target Organ Toxicity, Single Exposure	Category 2

Signal Word

DANGER!

Hazard statement

Causes serious skin and eye irritation or damage.

Suspect of damaging the unborn child

Causes damage to the optic nerves (eyes) if swallowed.



Precautionary Statement

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 eat, drink or smoke when using this product.

Do not breathe fume/mist/vapors/spray.

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.

IF SWALLOWED: Call a poison center/doctor if you feel unwell.

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash 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 so. Continue rinsing. Immediately call a doctor.

Call a POISON CENTRE/doctor if you feel unwell.

IF exposed or concerned: Get medical advice/attention.

Storage

Store locked up. Store in a well-ventilated place.

Disposal

Dispose of contents/container in accordance with local regulation.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture: Mixture

The following ingredients have hazardous properties:

(Concentrated form):

Ingredient	CAS #	% by weight
Ethyl alcohol	64-17-5	1-5
Sodium xylene sulphonate	1300-72-7	5-10
Sodium (C10-16) benzenesulfonate	68081-81-2	1-5
Imidazolium compounds, 1-[2-(carboxymethoxy)ethyl]-1-(carboxymethyl)-4, 5-dihydro-2-norcoco alkyl, hydroxides, sodium salts	68650-39-5	1-10
Alcohols, C12-15, ethoxylated	68131-39-5	5-10

(Diluted form 128x)

Ingredient	CAS #	% by weight
Ethyl alcohol	64-17-5	0.008-0.04
Sodium xylene sulphonate	1300-72-7	0.04-0.08
Sodium (C10-16) benzenesulfonate	68081-81-2	0.008-0.04
Imidazolium compounds, 1-[2-(carboxymethoxy)ethyl]-1-(carboxymethyl)-4, 5-dihydro-2-norcoco alkyl, hydroxides, sodium salts	68650-39-5	0.008-0.08
Alcohols, C12-15, ethoxylated	68131-39-5	0.04-0.08

This product is a consumer product and therefore an SDS is not required. This SDS fully discloses any health and safety hazards but limits the disclosure of ingredient ranges for proprietary reasons.

SECTION 4: FIRST AID MEASURES

IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

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 CENTRE or doctor/physician.

IF exposed or concerned: Get medical advice/attention if you feel unwell.

SECTION 5: FIRE FIGHTING MEASURES

Flammable: Non-flammable

Suitable extinguishing media: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Unsuitable extinguishing media: Information not available.

Flashpoint: Information not available

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 MEASURE

Leak and Spill Procedures: Mop spillage. Use a water rinse for final cleanup.

SECTION 7: HANDLING AND STORAGE MEASURES

Handling Procedures and Equipment: Handle in accordance with good industrial hygiene. Wear protective gloves/eye protection/face protection.

Storage Requirements: Store locked up. Store in a dry, cool, well-ventilated area between 5°C to 40°C and away from direct sunlight. Store in original container with closed lid, away from incompatible materials such as strong oxidizing agents. Avoid food contamination.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient	Exposure Limit- ACGIH	Exposure Limit- OSHA	Exposure Limit- IDLH
Ethyl alcohol	1000 ppm	1000 ppm	N/A
Sodium xylene sulphonate	N/A	N/A	N/A
Sodium (C10-16) benzenesulfonate	N/A	N/A	N/A
Imidazolium compounds, 1-[2- (carboxymethoxy)ethyl]- 1-(carboxymethyl)-4, 5- dihydro-2-norcoco alkyl, hydroxides, sodium salts	N/A	N/A	N/A
Alcohols, C12-15, ethoxylated	N/A	N/A	N/A

Gloves: wear protective gloves
Face protection: Required for regular use.
Respirator: not required for regular use
Eye: wear eye protection
Footwear: not required for regular use
Clothing: wear protective clothing

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear green liquid
Odour: Chemical Scent
Fragrance: No fragrance added
Odour Threshold: Information not available
pH(concentrated, diluted): 7.8, 7-7.5
Freezing Point/Boiling point: Information not available
Flash point: Information not available
Evaporation Rate: Information not available
Flammability: Non-Flammable
Upper/Lower flammability/explosive limit: Not applicable
Vapour Pressure (mmHg): Information not available
Vapour Density (air=1): Information not available
Relative Density: 1.02g/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 oxidizing agents
Hazardous Decomposition Products: Not applicable

SECTION 11: TOXICOLOGICAL INFORMATION

Ingredients	LD50 oral (mg/kg)(rat)	LD50 dermal (mg/kg)	LC50 Inhalation (ppm)
Ethyl alcohol	7060	15800	>32380
Sodium xylene sulphonate	7200	>2000	N/A
Sodium (C10-16) benzenesulfonate	1080-1980	2000	N/A

Imidazolium compounds, 1-[2-(carboxymethoxy) ethyl]-1-(carboxymethyl)-4, 5-dihydro-2-norcoco alkyl, hydroxides, sodium salts	4000	N/A	N/A
Alcohols, C12-15, ethoxylated	>2000	>2000	N/A

EFFECTS OF ACUTE EXPOSURE:

Skin Contact: May cause skin irritation or corrosion.

Eye Contact: Causes serious eye damage

Inhalation: Not known

Ingestion: Not known

Germ cell mutagenicity: Not applicable

Carcinogenicity: Not known to be carcinogenic. No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

Reproductive toxicity: Not available

STOT single exposure: Not available

STOT repeated exposure: Not available

Aspiration hazard: Not available

Routes of exposure: Ingestion, skin/eye exposure

EFFECTS OF CHRONIC EXPOSURE:

Skin Contact: Not known.

Eye Contact: Not known.

Ingestion: Not known

Numerical measures of toxicity:

(CONCENTRATED)

ATE Oral: 11678 mg/kg

ATE Dermal: 12645 mg/kg

ATE Inhalation: N/A

(DILUTED 128 TIMES)

ATE Oral: 1494784 mg/kg

ATE Dermal: 1618560 mg/kg

ATE Inhalation: N/A

SECTION 12: ECOLOGICAL INFORMATION

Ingredients	Fish	Crustacean	Algae
Ethyl alcohol	N/A	EC ₅₀ (48h): 5012 mg/L	EC ₅₀ (72h): 1000 mg/L
Sodium xylene sulphonate	LC ₅₀ (96h): 1000 mg/L	EC ₅₀ (48h): 1000 mg/l	EC ₅₀ (72h): 230 mg/L
Sodium (C10-16) benzenesulfonate	N/A	N/A	N/A
Imidazolium compounds, 1-[2-(carboxymethoxy)	N/A	N/A	N/A

ethyl]-1-(carboxymethyl)-4, 5-dihydro-2-norcoccolic acid, hydroxides, sodium salts			
Alcohols, C12-15, ethoxylated	LC ₅₀ (96h): 5-10 mg/L	EC ₅₀ (48h): 5-10 mg/L	EC ₅₀ (72h): 10-100 mg/L

Persistence and degradability: Expected to be readily biodegradable

Bioaccumulation/Accumulation: No information available.

Mobility: No information available

Other adverse effects: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Disposal instructions: Dispose of contents/container in accordance with local/regional/national/international regulations.

13.2. Hazardous waste code: The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

13.3. Waste from residues / unused products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

13.4. Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

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

15.1 Notification status

All the ingredients in this product are in compliance with TSCA and DSL inventory.

SECTION 16: OTHER INFORMATION

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