


## SAFETY DATA SHEET

## 1 - IDENTIFICATION

<b>Product identifier:</b>	Éra Clean – Alkali Pro
<b>Other means of identification:</b>	UB-7100
<b>Use:</b>	Concentrated degreasing detergent.
<b>Use restriction:</b>	For professional use only.
<b>Supplier:</b>	<b>BIOTECHNOLOGIES ULYSSE inc.</b> 3550 Boulevard L.-P.-Normand, suite 1 Trois-Rivières, Qc., Canada G9B 0G9
<b>Phone No.:</b>	819-668-3823 (8:00 to 17:00)
<b>Emergency phone:</b>	<b>Quebec Poison Control Centre (24 hour service) Quebec: (800) 463-5060</b>

## 2 - HAZARD IDENTIFICATION

<b>Product classification:</b>	Skin irritation – Category 2 Eye irritation – Category 2
<b>Hazard pictograms:</b>	
<b>Signal word:</b>	Warning.
<b>Hazard statements:</b>	H315 – Causes skin irritation. H319 – Causes serious eye irritation.
<b><u>Precautionary statements:</u></b>	
<b>Prevention:</b>	P264+P265 – Wash hands thoroughly after handling. Do not touch eyes. P280 – Wear protective gloves and protective eyewear.
<b>Response:</b>	P302+P352 – IF ON SKIN: Wash with plenty of water. P332+P317 – If skin irritation occurs: Get medical advice/attention.

P305+P351+P338– IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture: Mixture

Chemical name	Common name and synonyms	CAS	Concentration (% v/v)
Lauryl polyoxyethylene ether	Lauryl alcohol (12 moles EO) Laureth-12 Ethoxylated alcohols, C12-16	68551-12-2	7 - 13
Lauryl polyoxyethylene ether	Lauryl alcohol (3 moles EO) Laureth-3 Ethoxylated alcohols, C12-14	9002-92-0	3 - 7
Lauryldimethylamine oxide	DDNO	1643-20-5	1 - 5
Sodium carbonate	Soda ash Anhydrous sodium carbonate	497-19-8	1 - 5

Any concentration presented as a range is intended to protect confidentiality.

Based on the supplier's current knowledge and at application concentrations, no other ingredient present is classified as hazardous to health or the environment, and therefore does not need to be listed in this section.

### 4 - FIRST AID MEASURES

#### **Description of first aid measures:**

**Skin contact:** Remove contaminated clothing, shoes and leather accessories (e.g. bracelet, belt). Wash thoroughly with a gentle stream of warm water and mild soap. If skin irritation or redness occurs, seek medical attention. Wash contaminated clothing before reuse.

**Eye contact:** Immediately flush eyes with water for at least 15 minutes. See a doctor.

**Ingestion:** Rinse mouth. See a doctor if feeling unwell.

#### **Main symptoms and effects, both acute and delayed:**

**Skin contact:** Itching, skin rash, blister formation.

**Eye contact:** Tearing, redness, pain.

**Ingestion:** Stomach pain, diarrhea, nausea and vomiting.

### 5 - FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Use an extinguishing agent suitable to the surrounding fire type.

**Unsuitable extinguishing media:** None known.

**Specific hazards arising from the product:** None known.

**Special protective equipment and precautions for fire-fighters:**

In case of fire, use standard protective equipment (self-contained breathing apparatus, masks, gloves, etc.). The product is not a fire accelerant.

## 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:**

Wearing protective gloves and eyewear is recommended in case of a spill.

**Methods and materials for containment and clean-up:**

Absorb the liquid with a non-combustible and non-toxic absorbent material and place it in a clearly labelled, resealable container. Dispose of the container according to the rules set by the competent local authority. Rinse the affected area with water.

## 7 - HANDLING AND STORAGE

**Precautions for safe handling:**

Handle with care. Avoid splashing. Avoid contact with skin and eyes. Wash hands thoroughly after handling.

**Conditions for safe storage, including incompatibilities:**

Store in its original packaging in a dry, cool and well-ventilated place, away from strong oxidizing agents, and food and beverages. Keep the container tightly closed and sealed until ready to use. Containers that have been opened must be carefully resealed and kept upright to prevent leaks. Do not store in unlabelled containers.

## 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters :**

**Occupational exposure limit values:** No known exposure limit values.

**Biological exposure index:** No known biological exposure index.

**Appropriate engineering controls:** Good ventilation is sufficient to avoid any exposure problems.

**Individual protection measures :**

**Respiratory:** No special measures required.

**Skin:** Wear nitrile gloves.

**Eyes:** Wear safety glasses with side protection.

**Hygiene measures :**

After handling chemicals, wash hands, forearms and face carefully before eating, smoking, using the toilet and at the end of work.

**9 - PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state:</b>	Liquid
<b>Colour:</b>	Transparent, colourless
<b>Odour:</b>	Characteristic of its components
<b>Odour threshold:</b>	N.D.
<b>pH :</b>	11 – 11.4
<b>Melting/freezing point:</b>	N.D.
<b>Initial boiling point:</b>	N.D.
<b>Flash point:</b>	N.D.
<b>Evaporation rate:</b>	N.D.
<b>Flammability (solid, gas):</b>	N/A
<b>Lower explosive limit:</b>	N.D.
<b>Upper explosive limit:</b>	N.D.
<b>Vapour pressure:</b>	N.D.
<b>Vapour density:</b>	N.D.
<b>Relative density:</b>	1.020 à 1.030
<b>Solubility in water:</b>	Complete
<b>Partition coefficient n-octanol/water:</b>	N.D.
<b>Auto-ignition temperature:</b>	N.D.
<b>Decomposition temperature:</b>	N.D.
<b>Dynamic viscosity:</b>	< 5 cps

**10 - STABILITY AND REACTIVITY**

<b>Reactivity:</b>	Non-reactive under standard conditions of use.
<b>Chemical stability:</b>	Stable
<b>Possibility of hazardous reactions:</b>	No known risk of hazardous reactions.
<b>Conditions to avoid:</b>	None known.
<b>Incompatible materials:</b>	Avoid strong acid solutions.
<b>Hazardous decomposition products:</b>	None known under standard conditions of use.

**11 - TOXICOLOGICAL INFORMATION**

<b>Likely routes of exposure:</b>	Eyes, skin, ingestion and inhalation.
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<b>Acute toxicity:</b>	<p><i>Laureth-12</i> (CAS : 68551-12-2) :</p> <p>Oral (rabbit) LD50 &gt; 2000 mg/kg</p> <p>Dermal (rabbit) LD50 &gt; 2000 mg/kg</p> <p><i>Laureth-3</i> (CAS : 9002-92-0) :</p> <p>Oral (rabbit) LD50 &gt; 2000 mg/kg</p> <p>Dermal (rabbit) LD50 &gt; 2000 mg/kg</p> <p><i>Lauryldimethylamine oxide</i> (CAS : 1643-20-5) :</p> <p>Oral (rabbit) LD50 &gt; 2000 mg/kg</p> <p>Dermal (rabbit) LD50 &gt; 2000 mg/kg</p>
<b>Skin irritation and corrosion:</b>	Causes skin irritation.
<b>Eye irritation and serious eye damage:</b>	Causes serious eye damage.
<b>Respiratory or skin sensitization:</b>	No effects expected.
<b>Target organ toxicity:</b>	No effects expected.
<b>Carcinogenicity:</b>	Not known to be carcinogenic.
<b>Reproductive toxicity:</b>	No known effects.
<b>Germ cell mutagenicity:</b>	Not known to be mutagenic.

## 12 - ECOLOGICAL INFORMATION

<b>Aquatic and terrestrial ecotoxicology:</b>	
<b>Mixture classification:</b>	Acute hazard to the aquatic environment - Category 2 (H401)
	<p><i>Laureth-12</i> (CAS 68551-12-2) :</p> <p>LC50 (96h, fish): 0.4 - 2 mg/L</p> <p>EC50 (48h, daphnia): 0.5 – 4 mg/L</p> <p>EC50 (72h, algae): N.D.</p> <p><i>Laureth-3</i> (CAS 9002-92-0) :</p> <p>LC50 (96h, fish): 1.68 - 3.51 mg/L</p> <p>EC50 (48h, daphnia): 2.77 – 14.38 mg/L</p> <p>EC50 (72h, algae): N.D.</p>
<b>Persistence and degradation:</b>	Organic ingredients readily biodegradable according to OECD criteria (series 301 A – F).
<b>Bioaccumulation potential:</b>	Not bioaccumulative.
<b>Mobility in soil:</b>	N.D.
<b>Other adverse effects:</b>	No other known effects.

## 13 - DISPOSAL CONSIDERATIONS

<b>Disposal methods:</b>	Dispose of contents and container in accordance with local regulations. If the container is rinsed, favour its recycling.
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## 14 - TRANSPORT INFORMATION

**UN Number:** Not regulated.

**UN proper shipping name:** N/A

**Transport hazard class:** Not regulated.

**Packing group:** Not regulated.

**Environmental hazards:** N/A

**Bulk transport in accordance with Annex II of MARPOL 73/78 and the IBC Code:**

N/A

**Special precautions for user:**

Ensure containers are properly secured in the truck. Ensure the driver knows what to do in case of an accident or spill.

## 15 - REGULATORY INFORMATION

The product classification and SDS were prepared in accordance with WHMIS.

## 16 - OTHER INFORMATION

**SDS prepared by:** Regulatory Department Biotechnologies Ulysse inc.

**Phone:** 819-668-3823 (8:00 to 17:00)

**Issue date:** 2026-05-02

**Abbreviations:** N.D.: not determined; N/A: not applicable

**Notice to reader :**

The information provided in this Safety Data Sheet has been compiled from our experience and data presented in various technical publications. The information it contains is based on the current state of our knowledge regarding the product concerned. It is the user's responsibility to verify the value of this information for the adoption of the required safety measures. We reserve the right to revise the product Safety Data Sheets as new technical information is communicated to us. The user has the responsibility to contact the company to ensure that the Safety Data Sheet in their possession is the latest one published.