

## Biotechnologies Ulysse

## SAFETY DATA SHEET

### 1 - IDENTIFICATION

<b>Product identifier:</b>	Éra Clean - BioSol
<b>Other means of identification:</b>	UB-1610
<b>Recommended use:</b>	Concentrated enzymatic floor detergent (food sector only)
<b>Restriction on use:</b>	For professional use only.
<b>Manufacturer:</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 (8AM to 5PM)
<b>Emergency phone No.:</b>	<b>Centre antipoison du Québec (24 hour service) Québec :</b> <b>(800) 463-5060</b>

### 2 - HAZARD IDENTIFICATION

<b>Product classification :</b>	Skin Irritant – Category 2 Serious eye damage – Category 1
<b>Hazard pictograms :</b>	
<b>Signal word :</b>	Danger.
<b>Hazard statement :</b>	H315 - Causes skin irritation H318 - Causes serious eye damage
<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 eye protection.
<b>Response :</b>	P302+P352 – IF ON SKIN: Wash with plenty of water. P332+P317 – If skin irritation occurs: Get medical help. P305+P351+P338 – IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P317 – Get medical help.

P362+P364 – Take off contaminated clothing and wash it before reuse.

### 3 - COMPOSITION/INFORMATIONS ON INGREDIENTS

Substance/concoction: Mix

Chemical name	Common name and synonyms	CAS number	Concentration (% v/v)
Polyoxyethylene Lauryl Ether	Lauryl alcohol (12 moles EO) Laureth-12 Alcohols, C12-16, ethoxylated	68551-12-2	7 - 13
Lauryl Poly(oxyethylene) Ether	Lauryl Alcohol (3 moles EO) Laureth-3 Alcohols, C12-14, ethoxylated	9002-92-0	3 - 7

Actual concentration or concentration range is withheld as a trade secret.

Based on current knowledge of the supplier and within application concentrations, no other ingredients present are classified as hazardous to health or the environment and hence require reporting in this section.

### 4 - FIRST-AID MEASURES

#### Description of first-aid measures:

##### **Skin contact:**

Remove contaminated clothing, footwear, and leather accessories (e.g., wristband, belt). Wash thoroughly with a gentle stream of lukewarm water and mild soap. If skin irritation or redness occurs, seek medical attention. Wash contaminated clothing before using it again.

##### **Eye contact:**

Immediately rinse eyes with water for several minutes. Get medical help.

##### **Ingestion:**

Rinse mouth. Get medical advice if symptoms develop.

#### Most important acute or delayed symptoms and effects:

**Skin contact:** Itching, rash, blisters.

**Eye contact:** Watery eyes, redness, pain.

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

### 5 - FIRE-FIGHTING MEASURES

#### **Suitable extinguishing media :**

Use an extinguishing agent suitable for the surrounding fire.

#### **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 protection equipment (self-contained breathing apparatus, mask, gloves, etc.). The product is not a fire accelerator.

## 6 - ACCIDENTAL RELEASE MEASURES

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

Latex or nitrile gloves are recommended for spills.

### Methods and materials for containment and cleaning up :

Absorb liquids with non-combustible and nontoxic absorbent and place it in a reclosable, well-identified container. Eliminate the container in accordance with local authority. Rinse affected zone with water.

## 7 - HANDLING AND STORAGE

### Precautions for safe handling :

Manipulate with care and avoid splashes. Avoid contact with skin and eyes. Use only with adequate ventilation. Wash hands thoroughly after handling.

### Conditions for safe storage, including any incompatibilities :

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool, and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers.

## 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters:

#### Professional exposure limit values:

No exposure limit value known.

#### Biological exposure index:

No exposure index known.

#### Appropriate engineering controls:

Ensure sufficient ventilation to avoid exposure problems.

### Individual protection measures:

#### Respiratory protection:

Not necessary if room is well-ventilated.

#### Skin protection:

Nitrile or latex glove.

#### Eye/Face protection:

Safety glasses with side-shields.

### Hygiene measures :

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

## 9 - PHYSICAL AND CHEMICAL PROPERTIES

### Physical state :

Liquid

### Color :

Brown

<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	No data available
<b>pH:</b>	5.5 – 6.0
<b>Melting point/freezing point:</b>	No data available
<b>Initial boiling point/range:</b>	No data available
<b>Flash point:</b>	None
<b>Evaporation rate:</b>	No data available
<b>Flammability (solid, gas):</b>	Not applicable
<b>Lower flammability or explosive limit:</b>	No data available
<b>Upper flammability or explosive limit:</b>	No data available
<b>Vapour pressure:</b>	No data available
<b>Vapour density:</b>	No data available
<b>Relative density:</b>	1.020 – 1.030
<b>Solubility:</b>	Complete in water
<b>Partition coefficient, n-octanol/water:</b>	No data available
<b>Auto-ignition temperature:</b>	No data available
<b>Decomposition temperature:</b>	No data available
<b>Kinematic viscosity:</b>	150 – 200 cSt

## 10 - STABILITY AND REACTIVITY

<b>Reactivity :</b>	Not reactive under standard conditions of use.
<b>Chemical stability :</b>	The product is stable.
<b>Possibility of hazardous reactions :</b>	No risk of hazardous reaction known.
<b>Conditions to avoid :</b>	None known.
<b>Incompatible materials :</b>	None known.
<b>Hazardous decomposition products :</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11 - TOXICOLOGICAL INFORMATION

<b>Likely routes of exposure :</b>	Eyes, skin.
<b>Acute toxicity :</b>	None known under standard conditions of use.
<b>Skin corrosion/irritation :</b>	Causes skin irritation.
<b>Serious eye damage/irritation :</b>	Causes serious eye damages.
<b>Respiratory and/or skin sensitization :</b>	No known effects.
<b>Specific organ toxicity :</b>	No known effects.

<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>Marine and land ecotoxicology :</b>	No data available.
<b>Persistence and degradability :</b>	Organic ingredients readily biodegradable according to OECD criteria (series 301 A to F).
<b>Bioaccumulative potential:</b>	Not bioaccumulative.
<b>Mobility in soil:</b>	Not available.
<b>Other adverse effects:</b>	No known effects.

## 13 - DISPOSAL CONSIDERATIONS

<b>Disposal methods:</b>	Dispose of contents and container in accordance with local regulations. If the container is rinsed, promote recycling of the container.
--------------------------	---

## 14 - TRANSPORT INFORMATION

<b>UN No.:</b>	Not regulated.
<b>Proper shipping name:</b>	Not available.
<b>Transport hazard class(es):</b>	Not regulated.
<b>Packing group:</b>	Not regulated.
<b>Environmental hazards:</b>	Not available.
<b>Transport in bulk according to annex II of MARPOL 73/78 and the IBC Code:</b>	Not available.
<b>Special precautions:</b>	Ensure that containers are securely fastened in the truck and that the driver knows what to do in the event of an accident or spill.

## 15 - REGULATORY INFORMATION

The product classification and SDS were developed in accordance with the Hazardous Products Regulation HPR of Canada.

## 16 - OTHER INFORMATION

**Written by:** Regulatory Department of Ulysses Biotechnologies inc.

**Phone No.:** 819-668-3823 (8:00 à 17:00)

**Date of preparation:** 2024-07-23

**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 contained herein is based on the state of our current knowledge of the product concerned. It is the user's responsibility to verify the value of this information for the adoption of required safety measures. We reserve the right to revise Safety Data Sheets from time to time as new technical information becomes available. The user has the responsibility to contact the company to make sure that the Safety Data Sheet he owns is the last published.