# SAFETY DATA SHEET

## MYLO

Infosafe No.: LQC9R
ISSUED Date : 16/09/2024
ISSUED by: TERRAGEN BIOTECH PTY LTD

## Section 1 - Identification

**Product Identifier**
MYLO

**Company Name**
TERRAGEN BIOTECH PTY LTD

**Address**
Unit 5, 41 Access Crescent Coolum Beach
QLD 4573 Australia

**Telephone/Fax Number**
Tel: 1300 837 724

**Emergency Phone Number**
National Poisons Centre: 0800 764 766 (0800 POISON)

**Recommended uses and any restrictions on use or supply**
Biological product used for agricultural purposes

## Section 2 - Hazard(s) Identification

**GHS classification of the substance/mixture**
Not classified as Hazardous according to the Hazardous Substances (Hazard Classification) Notice 2020, New Zealand.
Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2020 Transport of Dangerous Goods on Land.

## Section 3 - Composition and Information on Ingredients

**Chemical Characterization**
Liquid

**Ingredients**

| Name | CAS | Proportion |
|---|---|---|
| Ingredients determined not to be hazardous, including water | | 100 % |

## Section 4 - First Aid Measures

**Inhalation**
If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

**Ingestion**
Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.

**Skin**
Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

**Eye**
If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and/or persist seek medical attention.

**First-aid Facilities**
Eyewash and normal washroom facilities.

**Advice to Doctor**
Treat symptomatically.

**Other Information**
For advice in an emergency, contact a Poisons Information Centre (Phone New Zealand 0800 764 766) or a doctor at once.

## Section 5 - Firefighting Measures

**Suitable Extinguishing Media**
Small fire: Use dry chemicals, CO2, water spray or alcohol resistant foam. Large fire: Use water spray, water fog or alcohol resistant foam. Use equipment/media appropriate to surrounding fire conditions.

**Hazards from Combustion Products**
Non combustible material. Fumes of decomposition products may be toxic and irritating.

**Specific hazards arising from the chemical**
This product is non combustible.

**Decomposition Temperature**
Not available

**Precautions in connection with fire**
Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. Fight fire from safe location.

## Section 6 - Accidental Release Measures

**Emergency Procedures**
Wear appropriate personal protective equipment and clothing to prevent exposure. Increase ventilation. If possible contain the spill. As a water based product, if spilt on electrical equipment the product will cause short-circuits. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

## Section 7 - Handling and Storage

**Precautions for Safe Handling**
Avoid inhalation of vapours and mists, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

**Conditions for safe storage, including any incompatibilities**
Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labelled containers. Protect from freezing. Keep containers tightly closed. Store away from incompatible materials. Ensure that storage conditions comply with applicable local and national regulations.

**Other Information**
Always use clean and dry equipment to dispense the product. Dispensers should be cleaned before and after use. All dispensers should be washed out after use.

## Section 8 - Exposure Controls and Personal Protection

**Occupational Exposure Limits (OEL)**
No exposure standards have been established for the mixture. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

**Biological Limit Values**
No biological limits allocated.

**Appropriate Engineering Controls**
Use with good general ventilation. If mists or vapours are produced, local exhaust ventilation should be used.

**Respiratory Protection**
If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements.

**Eye Protection**
Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations.

**Hand Protection**
Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances. i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations.

**Body Protection**
Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

## Section 9 - Physical and Chemical Properties

| Properties | Description | Properties | Description |
|---|---|---|---|
| **Form** | Liquid | **Appearance** | Light Brown / Tan Liquid |
| **Colour** | Light Brown / Tan | **Odour** | Sweet molasses/slightly acidic |
| **Decomposition Temperature** | Not available | **Boiling Point** | Approximately 100°C |
| **Solubility in Water** | Not available | **Specific Gravity** | 1.00 - 1.02 |
| **pH** | 3 - 5 | **Vapour Pressure** | Not available |
| **Vapour Density (Air=1)** | Not available | **Evaporation Rate** | Not available |
| **Odour Threshold** | Not available | **Viscosity** | Not available |
| **Volatile Component** | Not available | **Partition Coefficient: n-octanol/water** | Not available |
| **Flash Point** | Not available | **Flammability** | Non flammable |
| **Auto-Ignition Temperature** | Not available | **Flammable Limits - Lower** | Not available |
| **Flammable Limits - Upper** | Not available | **Oxidising Properties** | Not available |
| **Particle Size** | Not available | **Melting/Freezing Point** | Not available |

## Section 10 - Stability and Reactivity

**Reactivity**
Not available

**Chemical Stability**
Stable under normal conditions of storage and handling.

**Conditions to Avoid**
Extremes of temperature and direct sunlight.

**Incompatible Materials**
Not available.

**Hazardous Decomposition Products**
Thermal decomposition may result in the release of toxic and/or irritating fumes.

**Possibility of hazardous reactions**
Not available

**Hazardous Polymerization**
Not available

## Section 11 - Toxicological Information

**Toxicology Information**
No toxicity data available for this material.

**Ingestion**
Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

**Inhalation**
Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

**Skin**
May be irritating to skin. The symptoms may include redness, itching and swelling.

**Eye**
May be irritating to eyes. The symptoms may include redness, itching and tearing.

**Respiratory Sensitisation**
Not expected to be a respiratory sensitiser.

**Skin Sensitisation**
Not expected to be a skin sensitiser.

**Germ Cell Mutagenicity**
Not considered to be a mutagenic hazard.

**Carcinogenicity**
Not considered to be a carcinogenic hazard.

**Reproductive Toxicity**
Not considered to be toxic to reproduction.

**STOT - Single Exposure**
Not expected to cause toxicity to a specific target organ.

**STOT - Repeated Exposure**
Not expected to cause toxicity to a specific target organ.

**Aspiration Hazard**
Not expected to be an aspiration hazard.

## Section 12 - Ecological Information

**Ecotoxicity**
No ecological data available for this material.

**Persistence and degradability**
Not available

**Mobility**
Not available

**Bioaccumulative Potential**
Not available

**Other Adverse Effects**
Not available

**Environmental Protection**
Prevent this material entering waterways, drains and sewers.

**Hazardous to the Ozone Layer**
This product is not expected to deplete the ozone layer.

## Section 13 - Disposal Considerations

**Disposal Considerations**
Product Disposal:
This product can be disposed through a licensed commercial waste collection service. This product is non-hazardous and therefore the New Zealand HSNO regulations regarding disposal do not apply, however other regulations may apply.

This is a water-based/water-soluble product and therefore can be sent through a Waste Water Treatment Plant and after treatment can be discharged into environment through the sewerage or drainage systems as authorized.

Container Disposal:
The product is non-hazardous, therefore, the packaging may be re-used or recycled if it has been treated to remove any residual contents of the substance. Any wash-off water from the container cleaning process should be sent to a suitable waste water treatment plant before discharge into the environment.

In New Zealand, the packaging (that may or may not contain any residual substance) that is lawfully disposed of by householders or other consumers through a public or commercial waste collection service is a means of compliance with regulations.

## Section 14 - Transport Information

**Transport Information**
Road and Rail Transport:
Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2020 Transport of Dangerous Goods on Land.

Marine Transport (IMO/IMDG):
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Air Transport (ICAO/IATA):
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

**UN Number**
None Allocated

**Proper Shipping Name**
None Allocated

**Hazard Class**
None Allocated

**Special Precautions for User**
Not available

**IMDG Marine pollutant**
No

**Transport in Bulk**
Not available

## Section 15 - Regulatory Information

**Regulatory Information**
Not classified as Hazardous according to the Hazardous Substances (Hazard Classification) Notice 2020, New Zealand.

**Tolerable exposure limit (TEL)**
Not available

**Environmental exposure limit (EEL)**
Not available

**Certified Handler**
Not available

**Tracking**
Not available

**Controlled Substance Licence Requirements**
Not available

**Montreal Protocol**
Not listed

**Stockholm Convention**
Not listed

**Rotterdam Convention**
Not listed

**Agricultural Compounds, including Veterinary Medicines (ACVM)**
Not available

## Section 16 - Any Other Relevant Information

**Date of preparation or last revision of SDS**
SDS created: September 2024

**Literature References**
Hazardous Substances and New Organisms Act (1996).
Health and Safety at Work (Hazardous Substances) Regulations (2017).
Workplace Exposure Standards and Biological Exposure Indices.
Agricultural Compounds and Veterinary Medicines Act 1997.
Montreal Protocol on Substances that Deplete the Ozone Layer.
Stockholm Convention on Persistent Organic Pollutants (POPs).
Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade.
Transport of Dangerous goods on land NZS 5433.
Recommendations on the Transport of Dangerous Goods - Model Regulations.
Dangerous Goods Emergency Action Code List.
Hazardous Substances (Safety Data Sheets) Notice (2017). (EPA Consolidation)
Assigning a hazardous substance to a group standard.
Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

## END OF SDS