

# SAFETY DATA SHEET

According to Regulation (EC) 1907/2006 as retained in GB CLP

## SECTION 1 Identification of the Substance/Mixture and of the Company/Undertaking

### 1.1 Product identifier:

|                        |                 |
|------------------------|-----------------|
| Product Name           | Yeastlife Extra |
| CAS No.                | N/A             |
| EC No.                 | N/A             |
| REACH Registration No. | N/A             |

### 1.2 Relevant identified uses of the substance or mixture and uses advised against:

|                      |                          |
|----------------------|--------------------------|
| Identified Use(s)    | Brewing fermentation aid |
| Uses Advised Against | None identified          |

### 1.3 Details of the Supplier of the Safety Data Sheet:

|                         |                                                            |
|-------------------------|------------------------------------------------------------|
| Company Identification  | Lallemand UK Ltd                                           |
| Address of Manufacturer | AB Vickers, Dallow Street, Burton on Trent                 |
| Postal code             | DE14 2PQ                                                   |
| Telephone:              | +44 (0)1283563268                                          |
| E-mail                  | abvickers@lallemand.com (only checked during office hours) |
| Office hours            | 09:00 to 17:00, Monday to Friday, UK                       |

### 1.4 Emergency Telephone Number:

++44 (0)1283563268 (office hours only as above)

## SECTION 2 Hazards Identification

### 2.1 Classification of the substance or mixture:

2.1.1 Classification: According to Regulation (EC) No. 1272/2008 (CLP).  
Aquatic Chronic. 3 ; H412

### 2.2 Label elements

Labelling according to regulation (EC) No.1272/2008 (CLP)

### Hazard Pictograms:

None

Signal Word: None

### Hazard Statements:

H412: Harmful to aquatic life with long lasting effects

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## Precautionary Statements

P273: Avoid release to the environment.

P501: Dispose of contents/container in accordance with local/regional/national/international regulation

## 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## 2.4 Additional Information

None

## SECTION 3. Composition / Information on Ingredients

### 3.2 Mixtures:

This mixture contains substances presenting a health or environmental hazard within the meaning of Regulation (EC) No. 1272/2008, and assigned a Community Workplace Exposure Limit (WEL), classified as PBT/vPvB or included in the Candidate List.

| Hazardous ingredients | CAS No    | EC No     | CLP Classification                                                                          | w/w% |
|-----------------------|-----------|-----------|---------------------------------------------------------------------------------------------|------|
| Zinc sulphate         | 7446-19-7 | 231-793-3 | Eye Dam. 1 ; H318<br>Aquatic acute 1; H400<br>Aquatic chronic 1; H410<br>Acute tox. 4; H312 | <1%  |

## SECTION 4 First Aid Measures

### 4.1 Description of first aid measures

- Inhalation: Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get Medical attention if any discomfort continues.
- Ingestion: NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.
- Skin contact: Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
- Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

### 4.2 Most important symptoms and effects, both acute and delayed

May cause serious eye irritation.

### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

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## SECTION 5 Firefighting Measures

### 5.1 Extinguishing media:

Suitable extinguishing media: alcohol-resistant foam, carbon dioxide, dry powder or water fog

Unsuitable extinguishing media: None identified

### 5.2 Special hazards arising from the substance or mixture:

Oxides of carbon, nitrogen, phosphorous, sulphur

### 5.3 Advice for fire-fighters:

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

## SECTION 6 Accidental Release Measures

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

Use personal protective equipment.

### 6.2 Environmental precautions:

Prevent from entering water courses. Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

### 6.3 Method and materials for containment and cleaning up:

Shovel/collect spillages. Contain spillage to avoid contamination of sewers and watercourses. Transfer all contaminated material to a secure closable container for disposal by an appropriate method

### 6.4 Reference to other sections:

See also Section 8 and Section 13.

## SECTION 7 Handling and Storage

### 7.1 Precautions for safe handling:

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

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

Store in tightly closed original container in a dry, well-ventilated place.

### 7.3 Specific end use(s)

See section 1.2

## SECTION 8 Exposure Controls / Personal Protection

### 8.1 Control parameters:

Occupational Exposure Limit (EH40/2005)

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| Substance     | CAS #     | LTEL (8 Hr. TWA ppm) | LTEL (8 Hr. TWA mg/m <sup>3</sup> ) | STEL (ppm) | STEL (mg/m <sup>3</sup> ) | Note              |
|---------------|-----------|----------------------|-------------------------------------|------------|---------------------------|-------------------|
| Zinc sulphate | 7446-19-7 |                      |                                     |            |                           | No data available |

## 8.2 Exposure controls:

8.2.1 Appropriate engineering controls: Ensure that eyewash stations and safety showers are close to the workstation location.

8.2.2 Personal protection equipment:

8.2.2.1 Eyes and face protection: Safety goggles with side protection or full face visor, (EN166).

8.2.2.2 Skin protection: Hands protection: During processing chemical resistant gloves should be worn, (EN374).

8.2.2.3 Respiratory protection: If ventilation is inadequate, suitable respiratory protection should be worn. EN136/140/145/143/149

8.2.3. Environmental Exposure Controls Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

## SECTION 9 Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties:

|                                               |                   |
|-----------------------------------------------|-------------------|
| Appearance:                                   | Powder            |
| Colour:                                       | Light brown/cream |
| Odour:                                        | no data available |
| Viscosity:                                    | N/A               |
| Density:                                      | no data available |
| Solids Content:                               | no data available |
| Flash Point:                                  | no data available |
| Initial Boiling Point and Boiling Range:      | N/A               |
| Solubility in Water:                          | soluble           |
| Vapour Pressure:                              | no data available |
| Vapour Density:                               | no data available |
| Auto Ignition Temperature:                    | no data available |
| Evaporation Rate:                             | no data available |
| Decomposition Temperature:                    | No data available |
| Explosive Properties:                         | No data available |
| Upper/Lower Flammability or Explosive Limits: | no data available |
| Oxidising Properties:                         | No data available |
| pH:                                           | neutral           |

### 9.2 Other Information

None.

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## SECTION 10 Stability and Reactivity

### 10.1 Reactivity:

Stable under normal conditions

### 10.2 Chemical stability:

Stable under recommended storage conditions

### 10.3 Possibility of hazardous reactions:

No hazardous reactions are known under normal conditions of use

### 10.4 Conditions to avoid:

No data available

### 10.5 Incompatible materials:

No data available

### 10.6 Hazardous decomposition products

When burning: Oxides of carbon, nitrogen, phosphorous, sulphur

## SECTION 11 Toxicological Information

### 11.1 Information on toxicological effects

|                                |                 |
|--------------------------------|-----------------|
| Acute toxicity - Ingestion     | Not classified. |
| Acute toxicity - Skin Contact  | Not classified. |
| Acute toxicity - Inhalation    | Not classified. |
| Skin corrosion/irritation      | Not classified  |
| Serious eye damage/irritation  | Not classified  |
| Skin sensitization data        | Not classified. |
| Respiratory sensitization data | Not classified. |
| Germ cell mutagenicity         | Not classified. |
| Carcinogenicity                | Not classified. |
| Reproductive toxicity          | Not classified. |
| Lactation                      | Not classified. |
| STOT - single exposure         | Not classified  |
| STOT - repeated exposure       | Not classified. |
| Aspiration hazard              | Not classified. |

### 11.2 Other information

|               |                                          |
|---------------|------------------------------------------|
| Inhalation:   | May cause respiratory system irritation. |
| Skin Contact: | May cause irritation                     |
| Eye Contact:  | May cause eye irritation                 |
| Ingestion:    | May cause discomfort if swallowed        |

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## SECTION 12 Ecological Information

- 12.1 Toxicity:**
- |                                    |                   |
|------------------------------------|-------------------|
| Toxicity - Aquatic invertebrates   | Aquatic chronic 3 |
| Toxicity - Fish                    | Aquatic chronic 3 |
| Toxicity - Algae                   | Aquatic chronic 3 |
| Toxicity - Sediment Compartment    | Not classified.   |
| Toxicity - Terrestrial Compartment | Not classified.   |
- 12.2. Persistence and degradability**  
Not known
- 12.3. Bio-accumulative potential**  
Not known.
- 12.4. Mobility in soil**  
Not known
- 12.5. Results of PBT and vPvB Assessment**  
Not known
- 12.6. Other adverse effects**  
Not known

## SECTION 13 Disposal Considerations

- 13.1. Waste treatment methods**  
Disposal in accordance with local Waste Disposal Authority.
- 13.2 Additional information**  
Disposal should be in accordance with local, state or national legislation.

## SECTION 14 Transport Information

- 14.1 UN number**  
UN No. Not classified
- 14.2 UN proper shipping name**  
UN proper shipping name Not applicable
- 14.3 Transport hazard class**  
ADR/RID Class Not applicable  
IMDG Class Not applicable  
IMDG EMS Not applicable

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|                                                   |                |
|---------------------------------------------------|----------------|
| ICAO/IATA                                         |                |
| Excepted Quantities                               | Not applicable |
| Passenger and Cargo Aircraft Limited Quantities   | Not applicable |
| Packing Instructions                              |                |
| Passenger and Cargo Aircraft Limited Quantities   | Not applicable |
| Max net Qty                                       |                |
| Passenger and Cargo Aircraft Packing Instructions | Not applicable |
| Passenger and Cargo Aircraft Max net Qty          | Not applicable |
| Cargo Aircraft Packing Instructions               | Not applicable |
| Cargo Aircraft Max net Qty                        | Not applicable |
| IATA Special Provisions                           | Not applicable |
| ADR Classification Code                           | Not applicable |
| ADR HIN                                           | Not applicable |
| ADR Transport Category                            | Not applicable |
| Tunnel Restriction Code                           | Not applicable |
| Emergency Action Code                             | Not applicable |

### 14.4 Packing group

|                                         |                |
|-----------------------------------------|----------------|
| Packing group                           | Not applicable |
| Labels                                  | Not applicable |
| Special Provisions                      | Not applicable |
| Limited Quantities                      | Not applicable |
| Excepted Quantities                     | Not applicable |
| Mixed Packing Instructions for Packages | Not applicable |
| Special Packing Provisions for Packages | Not applicable |
| Mixed Packing Instructions for Packages | Not applicable |

### 14.5 Environmental hazards

|                       |           |
|-----------------------|-----------|
| Environmental hazards | Not known |
|-----------------------|-----------|

### 14.6 Special precautions for user

|            |                |
|------------|----------------|
| Not known. | Not applicable |
|------------|----------------|

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

|                                                                   |                |
|-------------------------------------------------------------------|----------------|
| Packing Instructions for Portable Tanks                           | Not applicable |
| Special Provisions for Portable Tanks                             | Not applicable |
| Tank Code for Tanks                                               | Not applicable |
| Special Provisions for Tanks                                      | Not applicable |
| Vehicle for Tank Carriage                                         | Not applicable |
| Special Provisions for Carriage - Packages                        | Not applicable |
| Special Provisions for Carriage - Bulk                            | Not applicable |
| Special Provisions for Carriage - Loading, Unloading and Handling | Not applicable |
| Special Provisions for Carriage - Operation                       | Not applicable |

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## SECTION 15 Regulatory Information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Not applicable

This Safety Data Sheet was prepared in accordance with EC Regulation (EC) No. 1907/2006 as retained in GB CLP. The product has been classified in accordance with Regulation (EC) No. 1272/2008 (CLP)

### 15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this mixture by the supplier.

## SECTION 16 Other Information

### LEGEND

#### Hazard Pictograms:

#### Hazard Statements:

H412: Harmful to aquatic life with long lasting effects

#### Precautionary Statements

P273: Avoid release to the environment.

P501: Dispose of contents/container in accordance with local/regional/national/international regulation

#### Abbreviations:

CAS: Chemical Abstracts Service;  
EINECS: European Inventory of Existing Commercial Chemical Substances  
PBT: Persistent, Bioaccumulative and Toxic.  
vPvB: Very Persistent and Very Bioaccumulative.

#### References:

Supplier's Safety Data Sheets for ingredients  
ECHA REACH dossiers  
Approved Classification and Labelling Guide  
Regulation (EC) No. 1272/2008 of the European Parliament and of the council.

#### Version history:

|                                         |           |
|-----------------------------------------|-----------|
| Version:                                | 9         |
| Issue date:                             | 20-1-2023 |
| Previous version:                       | 8         |
| Issue date of previous version:         | 10-8-2021 |
| Sections changed from previous version: | 15        |

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## Disclaimer

The information in this safety data sheet is based on the present state of knowledge and current legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. No responsibility or liability, expressed or implied, can be accepted for any problems which may arise as a result of any actions or decisions that may be taken by the user, or by any other party that may be involved with specifying or using the material.