

ANCHOR BACTERIA | MATERIAL SAFETY DATA SHEET (MSDS)

1. IDENTIFICATION OF THE PRODUCT AND COMPANY

Product identifier/Product group:	LACTIC ACID BACTERIA
Identified use:	For oenological use
Supplier details:	Rymco (Pty) Ltd T/A Anchor Yeast 22 Bunsen Street, Industria, South Africa PO Box 43143, Industria, 2042, South Africa Tel: 021-5341351 E-mail: oenology@anchor.co.za
Emergency telephone:	Contact your local doctor or hospital.

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance/mixture according to the Globally Harmonized System (GHS) and to Regulation 1272/2008/CE (CLP): Not dangerous

2.2 Label elements: None

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.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

3. INFORMATION ON INGREDIENTS

Substance component(s) which may pose a health hazard: none.

4. FIRST AID MEASURES

4.1 Description of First Aid Measures:

Eye contact: Adequately flush eyes with water.

Skin contact: Wash affected area with soap and water.

Inhalation: Immediately remove person to fresh air.

Ingestion: Rinse mouth and throat thoroughly with water. Drink plenty of water.

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

Eye contact: Possible irritation

Skin contact: May cause irritation

Inhalation: May cause coughing (irritation) or irritate asthma. May cause sensitization.

Ingestion: Possible bloating, gas, and bowel discomfort.

4.3 Indication of any immediate medical attention and special treatment needed: None; if any symptom persists seek medical attention.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

Suitable: Water, foam, carbon dioxide, dry powder.

Unsuitable: None

5.2 Special hazards arising from the material: None

5.3 Advice to firefighters: Wear a self-contained breathing apparatus (SCBA) when exposed to confined or enclosed fires as product powder could be in the air.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personnel precautions:

Avoid contact with the eyes, skin and clothing. Use appropriate protective equipment (see Section 8).

6.2 Environmental precautions: None

6.3 Method and materials for clean up: Small accidental spillage or leak: Avoid the formation of dust or spray. Mop up with appropriate material. Place in an appropriate container. Clean the area affected with plenty of water.

Large accidental spillage or leak: Avoid the formation of dust or spray. Prevent spillage into the drains, subsoil or confined areas. Contain if necessary. Mop up the product spilled with inert material (e.g. dry sand or dry earth) and place in a chemical waste container. Recycle if possible.

6.4 References to other sections:

See Section 8 for personal protective equipment and section 13 for waste disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

Handling: Avoid breathing dust. Avoid contact with eyes.

Occupational hygiene: Wash hands thoroughly after handling.

7.2 Conditions for safe storage:

Risks: Not at risk for corrosion, fire, explosion, or chemical reaction.

Place of storage: No special instruction to minimize risks (see above).

Store according to label directions to maintain label guarantees.

Fire/explosion protection: None needed

7.3 Specific end use: None

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Exposure limits: No limit

Biological limits: No limit

8.2 Exposure controls:

Engineering: None

Eye/face protection: Protective glasses should be worn in conditions of excessive dusting.

Skin protection: Hand - None

Other: None. Wear appropriate clothing for work.

Respiratory protection: FFP2 for temporary exposure and FFP3 for frequent and continual exposure to the product.

Thermal protection: None

Environmental exposure: None

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance: White to beige powder

Odour: Slight odour of fermentation

Solubility: Partially soluble

Odour threshold; pH; Melting point/Freezing point; Initial boiling point and boiling range; Flash point; Evaporation rate; Flammability; Vapour pressure; Vapour density; Relative density; Partition coefficient (n-octanol/water); Auto-ignition temperature; Decomposition temperature; Viscosity; Explosive properties;

Oxidising properties: Not Applicable

9.2 Other information: None

10. STABILITY AND REACTIVITY

10.1 Reactivity:	Not reactive
10.2 Chemical stability:	Stable
10.3 Possibility of hazardous reactions:	None
10.4 Conditions to avoid:	None
10.5 Incompatible materials:	None
10.6 Hazardous decomposition products:	None

11. TOXICOLOGICAL EFFECTS

11.1 Information on toxicological effects:

Acute toxicity:	No known effects.
Skin corrosion/irritation:	Possible irritation to skin
Eye damage/irritation:	Possible irritation to eye
Respiratory /Skin sensitization:	Possible allergic reaction or sensitization
CMR (Carcinogenicity, germ cell Mutagenicity, Reproductive toxicity):	No known effects
Chronic effects:	No known effects

12. ECOLOGICAL INFORMATION

12.1 Toxicity:	No known ecological effects.
12.2 Persistence and degradability:	No persistence and the substance is bio-degradable.
12.3 Bioaccumulative potential:	None
12.4 Mobility in soil:	Not relevant
12.5 Results of PBT and vPvB assessment:	Not relevant
12.6 Endocrine disrupting properties:	

Assessment: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects:	None
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13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Product and packaging can be disposed of in regular trash or waste. No special disposal method required. Follow all applicable local laws for recycling, bagging, and disposal of trash.

14. TRANSPORT INFORMATION

- 14.1 UN Number: Not relevant
14.2 UN proper shipping name: Not relevant
14.3 Transportation hazard class: Not classified as dangerous
14.4 Packing group: Not relevant
14.5 Environmental hazards: None
14.6 Special precautions: None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: Not relevant

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:
The format and content of this voluntary safety data sheet is based on regulations requirements. However, some information may not be included because it is not relevant for this type of product.

Other EU regulations:

Commission Delegated Regulation (EU) 2019/934 of 12 March 2019 supplementing Regulation (EU) No 1308/2013 of the European Parliament and of the Council as regards wine-growing areas where the alcoholic strength may be increased, authorised oenological practices and restrictions applicable to the production and conservation of grapevine products, the minimum percentage of alcohol for by-products and their disposal, and publication of OIV files.

15.2 Chemical safety assessment: Not relevant

16. OTHER INFORMATION

Disclaimer: The information, data and recommendations contained in this MSDS are provided in good faith, obtained from reliable sources, and believed to be true and accurate as of the date of revision. The MSDS serves as description of the products in regard to necessary safety measures. No warranty, expressed or implied, regarding the product described in this SDS shall be created or inferred by any statement in this MSDS.

Disclaimer: The information contained in the Safety Data Sheet is based on our data available on the date of publication. The information is intended to aid the user in controlling the handling risks; it is not to be construed as warranty or specification of the product quality. The information may not be or may not altogether be applicable to combination of the product with other substances or to particular applications. The user is responsible for ensuring that appropriate precautions are taken and for satisfying them that the data are suitable and sufficient for the product's intended purpose. In case of any ambiguity, we advise consulting the supplier.

This document is valid for three years from date of issue. Changes in product and/or legislation will result in document updates.