

SECTION 1 – IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

- 1.1 Product identifier: **Lalvin Elios 1 MBR**
Other identifier: Freeze dried bacteria *Oenococcus oeni*
- 1.2 Identified use: For use in wine making
- 1.3 Supplier details: Lallemand S.A.S.
4 chemin du bord de l'eau
15130 Saint Simon
France
Phone: +33 (0)4 71 47 11 95
Email: fb.france@lallemand.com
- 1.4 Emergency telephone: Contact your local doctor or hospital

SECTION 2 - HAZARD IDENTIFICATION

- 2.1 Classification of the substance/mixture: Not dangerous according to Directive 1272/2008.
- 2.2 Label elements: None
- 2.3 Other Hazards: None

SECTION 3 – INFORMATION ON INGREDIENTS

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

SECTION 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: None known.
- Inhalation: None known.
- Ingestion: Possible bloating, gas, and bowel discomfort.
- 4.3 Indication of any immediate medical attention and special treatment needed: None.
If any symptoms persist, seek medical attention.

SECTION 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.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

- 6.1 Personnel precautions Non-emergency: None Emergency: None
- 6.2 Environmental precautions: None
- 6.3 Method and materials for clean up: Use a vacuum or broom and dust pan. Vacuum up or sweep the spill into a dust pan. Powder may be collected in a container or

bag before being placed in the trash. Dispose of waste in the proper receptacle for trash.

6.4 References to other sections: See Section 8 for personal protective equipment.

SECTION 7 – HANDLING & 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

SECTION 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 Hand: None

Other: None. Wear appropriate clothing for work.

Respiratory protection: Protective mask should be worn in conditions of excessive dusting.

Thermal protection: None

Environmental exposure: None

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: ivory powder

Odour: Not determined

Solubility: Partially soluble in water

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 Tested

9.2 Other information: None

SECTION 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

SECTION 11 – TOXICOLOGICAL INFORMATION

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: (Carcinogenity, germ cell Mutagenicity, Reproductive toxicity)	No known effects.

SECTION 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 Other adverse effects:	None

SECTION 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.

SECTION 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

SECTION 15 – REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Reg. EC 1272/2008 -This product is not required to be registered under REACH.
- 15.2 Chemical safety assessment: Not relevant

SECTION 16 – OTHER INFORMATION

SDS issue date: 15 January 2015

Australian Importer:

Lallemand Australia Pty Ltd (ABN 76 008 275 045)

Address: 23-25 Erudina Ave, Edwardstown, South Australia, 5039

Telephone/Fax number: Tel: +61 8 8276 1200 Fax: +61 8 8177 1802

Emergency Tel. +61 8 8276 1200

9am to 5pm Central Standard Time, (CST)

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