

MATERIAL SAFETY DATA SHEET

ISSUE DATE 23/10/2013
ISSUE NUMBER 2

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

1.1 Product name: Lallemand Active Dried Yeasts
1.2 Use: Fermentation
1.3 Company Address: AB Vickers
Dallow Street
BURTON ON TRENT
Staffs DE14 2PQ
1.4 Service: Tel. 01283 563268 Fax. 01283 511472
1.5 Emergency: Tel. 01283 563268
1.6 Health and Safety Information: Tel. 01283 563268 Fax. 01283 511472
E-mail abvickers@lallemand.com

2. HAZARD IDENTIFICATION

Non hazardous in normal conditions of use: however repeated exposure may lead to allergenic sensitisation based on exposure level, duration and susceptibility. Subsequent chronic or acute exposure in sensitised persons may cause a respiratory allergic reaction in minutes or delayed or a mixture of both. Typical symptoms are respiratory irritation, breathlessness, coughing, chest tightness, and difficulty in breathing.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

3.1 Chemical characterisation:

HAZARDOUS INGREDIENTS

Name	CAS No	%	Symbols and Health Risk Phrases
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4. FIRST AID MEASURES

4.1 Skin: Wash skin with plenty of water.
4.2 Eyes: Rinse eyes with plenty of water.
4.3 Inhalation: Remove to fresh air.
4.4 Ingestion: Wash mouth with water. Drink water if required.
4.5 Other information: Seek medical advice if any irritation develops.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media: Water, Foam, Dry Powder or Carbon Dioxide
5.2 Unsuitable extinguishing media: None known
5.3 Unusual fire fighting hazards: Noxious fumes may be liberated.
5.4 Special fire fighting procedures: None known.
5.5 Other recommendations: Evacuate area.
5.6 Combustion products: CO₂, products of incomplete carbon combustion.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions: Wash thoroughly after handling.
6.2 Precautions to protect the environment: Not thought to be harmful to environment
6.3 Clean up procedures: Use PPE. Sweep or vacuum into sealable container.

7. HANDLING AND STORAGE

7.1 Handling precautions: Avoid generating dust, do not inhale.
7.2 Storage: Cool and dry in well ventilated area.
7.3 Unsuitable packaging materials: None known
7.4 Incompatibilities: None known
7.5 Other information:

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Exposure controls: See section 7

8.2 Exposure controls for hazardous components:

Name	CAS No	Exposure limits
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8.3 Personal Protective Equipment

- Respiratory: Not normally required.
- Hand: Protective gloves
- Eye: Chemical safety goggles or face-shield.
- Skin: Not normally required
- Industrial hygiene: Exercise good hygienic practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance:

Form: Powder Colour: Tan Odour: None

9.2 Safety related information:

- pH: Not determined
- Boiling point: Not applicable
- Melting point: Not determined
- Flashpoint: Not determined
- Flammability: Not determined
- Autoflammability: Not determined
- Explosive properties: Not determined
- Oxidising properties: Not determined
- Vapour pressure: Not determined
- Specific gravity: Not determined
- Solubility in water: Not determined
- Solubility in fat: Not determined
- Oil/water partition coefficient: Not determined

Other data:

- Vapour density (air=1): Not determined
- Viscosity: Not determined
- % volatiles: Not determined
- Molecular weight: Not determined

10. STABILITY AND REACTIVITY

10.1 Stability: Stable

10.2 Reactivity

- Conditions to avoid: Humid, high temperatures
- Materials to avoid: None known
- Hazardous decomposition products: None known

11. TOXICOLOGICAL INFORMATION

Possible health effects:

- Skin: May cause mild irritation.
- Eyes: May cause irritation
- Inhalation: May cause sore throat.
- Ingestion: May cause sore throat.

Other information:

- LD50: Not available

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12. ECOLOGICAL IMPACT

12.1 Elimination:

- **Persistence:** No specific information available
- **Degradability:** No specific information available
Biodegradable

12.2 Behaviour in aquatic environment:

- **Mobility:** Not determined
- **Bioaccumulation:** Not determined

12.3 Ecotoxicity:

- **Aquatic:** Not determined
- **Terrestrial:** Not determined

13. WASTE DISPOSAL

13.1 Product disposal:

According to local regulations

13.2 Packaging disposal:

According to national regulations

14. TRANSPORT INFORMATION

UNNO:

- **Road and rail transport (ADR/RID):** Not subject
- **Sea transport (IMO):** Not subject
- **Air transport (ICAO):** Not subject

Symbols:

15. REGULATORY INFORMATION

15.1 EEC supply classification and labelling:

15.2 National legislation:

15.3 Other regulations:

- **EINECS** Not determined
- **TSCA** Not determined
- **MITI** Not determined
- **DSL** Not determined
- **AICS** Not determined

16. OTHER INFORMATION

This product safety data sheet was prepared in compliance with Regulation number 453/2010, which gives a guide to the compilation of Safety Data Sheets.

All information and instructions provided by this MSDS are based on current state scientific technical knowledge at the date indicated on the MSDS. AB Vickers shall not be held responsible for any defect in the product covered by this MSDS should the existence of such a defect not be detectable considering the current state of scientific and technical knowledge.

It is the responsibility of persons in receipt of this MSDS to ensure that the information contained is read and understood by all persons who may come in contact with the material