

SAFETY DATA SHEET

FERMENTIS ACTIVE DRY YEAST

*Safety Data Sheet not required by Regulation (EC) n° 1907/2006 (REACH).
Safety Data Sheet provided on a voluntary basis.*

SECTION 1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

1.1. Product identifier

Product name: Fermentis Active dry yeast
Yeast, as a microorganism, is not subject to REACH registration requirement.

1.2. Relevant identified use(s) of the product : production of beverages

1.3. Company/ undertaking identification

- **Supplier:**
Fermentis a division of S.I. Lesaffre
137, rue Gabriel Péri
59703 Marcq-en-Baroeul Cedex
France
Tel : +33 320 81 62 75
- **Person responsible for the Safety Data Sheet:** fermentis@lesaffre.fr

1.4. Emergency telephone number:

+33 320 81 62 75

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the product

- **Regulation criteria EC 1272/2008 (CLP):** Not considered as hazardous under EU Regulation n°1272/2008.
- **Properties / Symbols :** None
- **Harmful physico-chemical effects on human health and environment:** No hazards under normal conditions of use.

2.2. Labelling elements: Not applicable

2.3. Other hazards

vPvB substances: None – PBT substances: None

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Main component: Dried cells of yeast
Hazardous ingredients: None
CAS n°: Not applicable
REACH Registration number: Not applicable

SECTION 4. FIRST AID MEASURES

4.1. Description of the first-aid measures

- **In case of skin contact:** Contact with skin is not dangerous to our knowledge.
- **In case of eye contact:** Rinsing with water whilst keeping the eyelids well open. If irritation persists, consult an eye specialist.

4.2. Main symptoms and effects, both acute and delayed

None, to our actual knowledge, in normal use.

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

None

SECTION 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Appropriate ways of extinction: Water, Carbon dioxide (CO₂), Water sprayed
Ways of extinction which must not be used for safety reasons: None in particular

5.2. Special hazards arising from the product

Combustible product. Possible emission of gases in contact with fire : CO, CO₂, SO₂.

5.3. Advice for firefighters

Do not attempt to fight the fire without suitable protective equipment: wear suitable breathing apparatus and complete protective clothing.
Collect separately contaminated water used for fire extinguishing. Do not discharge into wastewater systems.
If feasible from the safety point of view , move undamaged containers from the immediate danger zone.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment.

6.2. Precautions for the protection of environment

Prevent penetration into soil / subsoil. Prevent discharge into surface waters or wastewater systems.
Retain contaminated washing water and dispose it at a licensed waste collection point.
Equipment suitable for the collection: absorbing material, organic, sand.

6.3. Methods and material for containment and cleaning up

Sweep up or vacuum up the product before washing with water.

6.4. Reference to others sections

See disposal considerations in section 13.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid dust formation.

Handle according to general occupational hygiene practices.

7.2. Conditions for a safe storage, including any incompatibilities

Keep away from sources of ignition

Store the container tightly closed – in a dry, cool place – protected from humidity.

Keep in the packaging of origin.

7.3. Special final use(s): Beverages industry

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits: not applicable

8.2. Exposure controls

No specific measures other than general rules of safety and industrial hygiene.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Powder

Colour: Beige

Olfactory limit: Not applicable

Specific temperatures

- Boiling: Not applicable

Flammability characteristics

- Flash point: Not applicable

- Auto-ignition temperature: > 195°C

Oxidizing properties: Non oxidizing material according to EC criteria

Lower explosive limit: 60 g/m³

Vapour pressure: Not applicable

Vapour density (air = 1): Not applicable

Relative density (water = 1): 0.55 - 0.95

Solubility

- In water: Soluble

- In organic solvents: Insoluble

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity: To our knowledge, the product does not present any particular risk.

10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

Safety Data Sheet – Fermentis Active dry yeast

Date of creation: 30/05/2016

Page **3 / 5**

Version n°1, May 2016

10.3. Possibility of hazardous reactions: None

10.4. Conditions to avoid: Sparks, open flames, ignition source.

10.5. Materials to avoid: None in particular

10.6. Hazardous decomposition products

On combustion or on thermal decomposition (pyrolysis), may form: Carbon oxides (CO, CO₂), sulfur oxides (SO₂) Nitrogen oxides (Nox).

SECTION 11. TOXICOLOGICAL INFORMATION

To our knowledge, there is no specific toxicological risk when handled in accordance with good occupational hygiene and safety practice.

SECTION 12. ECOLOGICAL INFORMATION

Use the product rationally by avoiding scattering it in the nature. The product is considered as not presenting any hazard for the environment, in particular as regards to its mobility in the ground, its obstinacy, its potential of bioaccumulation, its aquatic toxicity, and in a more general way its ecotoxicity.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste product residues should be disposed or processed in a suitable treatment plant complying with the requirements of environmental protection, waste disposal legislation and any local regulations.

SECTION 14. TRANSPORT INFORMATION

Non-hazardous product in the meaning of transport regulation:

ADR: not restricted

RID: not restricted

ADN: not restricted

IMDG: not restricted

ICAO/IATA: not restricted

SECTION 15. REGULATORY INFORMATION

15.1. Specific regulation/ legislation to the product regarding safety, health and environment

Compliant with relevant European food and feed regulations.

15.2. Chemical safety assessment

Not applicable

SECTION 16. OTHER INFORMATION

- **Abbreviations**

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

CAS: Chemical Abstracts Service

CLP: Classification, Labelling, Packaging

EINECS: European Inventory of Existing Commercial Chemical Substances

IATA: International Air Transport Association

ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air

IMDG: International Maritime Code for Dangerous Goods

PBT: Persistent, bioaccumulative and toxic

vPvB: Very persistent, very bioaccumulative

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

RID: Regulation concerning the International Transport of Dangerous Goods by Rail

- **Note to the reader**

The information provided in this Safety Data Sheet is based on the state of our knowledge relative to the concerned product, at the date of the revision of this Safety Data Sheet. The information provided in this Safety Data Sheet is additional to the technical leaflets but does not replace them.

This Safety Data Sheet only constitutes guidance for safe handling, use, process, storage, transport, consumption and disposal of the product. It is not to be construed as a warranty or quality specification of the product.

The attention of the user is drawn to the possible risks and hazards incurred when a product is used for purposes other than those for which it is designed in this Safety Data Sheet: it is the responsibility of the user to assess the applicability of the information and recommendations provided in this Safety Data Sheet and its suitability for its own activities, purposes and products.

Fermentis shall not be held liable for any use of the product which is not consistent with the information provided word for word in this Safety Data Sheet.

Compliance with the instructions in this Safety Data Sheet does not release the user from ensuring he is in conformity with all regulations and recommendations linked to its own products and activities.

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End of the Safety Data Sheet