

SAFETY DATA SHEET
LYNSIDE[®] Nutri Optimum BA 10 PW, GG & FL

1-Product and company identification

Product name : LYNSIDE[®] Nutri Optimum BA 10 PW, GG & FL

Use of the product: Food applications (food/dietary supplements, functional foods...)

Supplier : Lesaffre Human Care
Lesaffre Biospringer - 103, rue Jean Jaurès - 94704 Maisons-Alfort Cedex - FRANCE
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2- Hazards identification

The product is not classified as a dangerous preparation according Directive 1999/45/EC, does not meet the definition material given in the US Occupational Safety and Health Administration's Hazard Communication Standard, and is not a controlled product as defined by the Canadian Hazardous Product Act (Bill C70)

Physical or Chemical hazards :

Potential risk of explosion due to dust of dry yeast, in presence of sparks or flames if the concentration in the atmosphere is over 50 g/m³
During the use of the product, control the emission of carbon dioxide (potential risk of asphyxia) and the pressure (potential risk of overpressure) during the fermentation of important sugar quantity (for example : distillery).

3- Composition/Information on the ingredients

Substance : Dried cells of yeast from *Saccharomyces cerevisiae*

4- First aid

Contact with skin, eyes, inhalation or ingestion are not dangerous. The product is soluble in water.

5- Fire fighting measures

Fire extinguishing media:

- Adapted: All agents are suitable (water, foam, carbonic ice, sand...)

Special risks: None

Particular methods of intervention : Use suitable methods to extinguish fire (Water, dry chemical, foam, CO₂)

Protection of operators : None

6- Measures accidental spillage

Individual protection: Avoid to spill the yeast to prevent any unexpected fermentation

Environment precaution: Avoid discharging directly into sewers or in superficial water.

Cleaning method : Take out the product with mechanical system and rise area with water

7- Handling and storage

Handling:

Technical methods: Doesn't request specific technical methods other than those for powder manipulation

Use Precaution: No specific methods. Respect general rules of agro alimentary industry

Use advice: Avoid installation of dust. Avoid moisture to prevent any real fermentation.

Avoid grinding of dry yeast and dispersion of dust in the atmosphere.

Storage :

Technical methods : No specific methods

Storage conditions: Stable in storage conditions conform to the information labelled on the packaging or on the technical data sheet of the product.

Packaging conditions: Keep only in its original packaging and be conforming to the information labelled on the packaging.

Incompatible material: None

Packaging material: Food packaging

8- Exposure control / individual protection

Individual protection equipments

No specific or particular measures to be taken except the respect of the general security and industrial hygienic rules.

9- Physico-chemical properties

Aspect:

- Physical aspect : small dry particles

- Color: white to brown

Odor : characteristic

pH : between 4 and 8 (for solid yeast: dilution 10%)

Characteristic temperature: not applicable

Inflammability Characteristics :

- Flash point : not applicable

- Ignition temperature: 195°C

- Blast characteristic: No risk due to yeast itself but risk due to dust of dry yeast

Combustive property: Not combustive according to the EC

Specific weight: between 0.55 and 0.95 kg/dm³

Solubility: Easily dispersed in water. Not soluble in organic solvent

10- Stability and Reactivity

Stability :

Dangerous reactions: No dangerous reactions in normal use conditions. See information on the packaging and see technical datasheet.

Decomposition products: Emission of CO₂, CO, NH₃ under very strong heat.

11- Toxicological information

High toxicity :

Food ingredient.

No particular hazard in normal conditions of industrial hygiene.

12- Ecological informations

Mobility: Living micro-organism which can spread over the environment: mainly water, ground, sediment.

Degradability: The living cells can induce an oxygen biochemical request (DBO) in the aquatic area for their breathing.

Eco-toxicity: No specific data. The product is not expected to present a particular hazard for aqueous environment.

13- Waste disposal considerations

Waste disposal :

Prohibition: Do not discharge directly into the sewers or superficial water.

Destruction and disposal: Destruction by heating in order to inactivate cells, which can then be treated as every organic matter.

Soiled packaging:

Destruction/disposal : None hazardous business waste

14- Transport information

Road transport (RID/ADR, RTMDF/RTMDR)

Waterway (IMDG)

Airway (IATA)

} Not applicable

15- Regulation information

Community regulation: No regulation as dangerous product regarding this product according to the 1999/45/EC directive.

This product is not submitted to the dangerous preparations labelling.

16- Further information

Recommended use: respect information labelled on the packaging or on the technical data sheet of the product. It is of the user's responsibility to apply the safest conditions to the use of the product.

The attention of the user is drawn on the possible risks which can occur when a product is inadequately used or misused.

NOTICE:

This safety data sheet completes the technical methods of use but does not replace them. The included information is based on our product knowledge. It is reliable and truthful.

This security data sheet does not exempt the user from knowing and applying all the regulation related to his activity. The legislation prescriptions and precautions mentioned in this security data sheet must not be considered as exhaustive. Their objective is to help the user to fulfil its security obligations. It is his responsibility to take all the precautions regarding handling and use of the product.

Security data sheet realized according to EC/45/1999 Directive.

Version V3

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