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Approved By:	Philip Woodnutt



## Material Safety Data Sheet

### WHCLAB Yeast Nutrient

#### 1. PRODUCT AND COMPANY DETAILS

##### Product

**Name of Product:** WHCLAB Yeast Nutrient

**Composition:** Zinc enriched yeast

##### Details of the supplier of the safety data sheet

**Name of Company:** WHC Lab Ltd.

**Address:** WHC Lab, Prospect Lower, Newcastle, Co. Wicklow, Ireland, A63 H0K8

##### Emergency Contact Numbers

Director - Tony O'Kane: +353 (0)87 948 3590

Quality & Sales - Philip Woodnutt: +353 (0)89 406 8622

Accounts - Judith Moss: +353 (0)86 896 1901

*In case of an emergency please contact the local emergency services.*

#### 2. HAZARDS

##### Classification

*This product is not classified according to CLP Regulation (EC) no 1272/2008.*

##### Other Hazards

Not applicable

#### 3. INGREDIENT COMPOSITION

Components	Cas Registry Number	Classification (CLP)
Zinc enriched yeast	-	Not classified

#### 4. FIRST AID PROCEDURES

##### Description of first aid procedures

Contact with Eyes:	Rinse the affected eye with running water for several minutes, then seek medical advice.
Contact with Skin:	Use soap and water to wash.
Inhalation:	In the event of inhalation, ensure proper ventilation and seek medical advice if experiencing any discomfort.
Ingestion:	Rinse mouth and drink plenty of water. Avoid inducing vomiting; seek medical advice.

##### Symptoms and effects

This material is not recognized to be hazardous to health.

#### 5. FIRE FIGHTING MEASURES

##### Fire Suppression

Use the appropriate tools or media, such as water, foam, carbon dioxide, or dry powder, if involved in a fire.

##### Specific risks associated with the substance

There is a low risk of fire and explosion, under typical circumstances for handling, storing, and using the product.

Avoid inhaling combustion fumes.

##### Advice for fire fighters

Put on self-contained breathing apparatus and safety gear for firefighters, such as boots, gloves, and goggles etc.

#### 6. ACCIDENTAL RELEASE CONTROLS

##### Safety measures, protective gear, and emergency procedures

In case of spillage, remove using mechanical methods, dilute the remaining substance with ample water.

If you're in a closed space, use ventilation or breathing apparatus. Prevent dust formation, if possible.

##### Environmental precautions

WHCLAB Yeast Nutrient is not considered to be environmentally hazardous, but it should be disposed of properly, given its high organic content

##### Techniques and supplies for containment and cleanup

In the event of a small or large spill or leak, WHCLAB Yeast Nutrient is a solid and shouldn't be handled as hazardous waste. It should be removed using a vacuum cleaner or another collection technique.

Rehydrated materials should be sent for sewage treatment after being heavily diluted with water.

WHCLAB Yeast Nutrient decomposes naturally.

#### 7. HANDLING AND STORAGE

##### Packaging Materials

WHCLAB Nutrient is available in 5kg packages. This material complies with relevant food-contact legislation, including, EU Regulation 1935/2004 (materials intended for contact with food), EU Regulation 1245/2020 (plastic materials intended for contact with food)), EU Regulation 2023/2006 (GMP for materials intended for contact with food), and FDA CFR 21 (174-179) (USA).

##### Storage and Handling

**Storage Conditions:** WHCLAB Yeast Nutrient should be stored in a cool, dry place, away from direct sunlight, and moisture. The product should be tightly sealed after each use to maintain its quality.

**Shelf life:** The expiration date for WHCLAB Yeast Nutrient is 3 years from the date of manufacturing. It is recommended to use the product within 6 months of opening the package for optimal results.

**Handling:** WHCLAB Yeast Nutrient is a safe product to use if handled properly. Avoid inhalation of dust. In case of contact with eyes, rinse with plenty of water and seek medical advice if necessary. Keep out of reach of children and pets.

#### 8. EXPOSURE CONTROLS

##### Conditions

Equip suitable respiratory protective device and safety gear e.g. tightly sealed goggles, protective work clothing etc.

Avoid contact with food, drinks, and animal feed. Change out of any dirty or contaminated clothing and wash your hands before breaks and at the end of your shift.

#### 9. PHYSICAL, CHEMICAL AND MICROBIOLOGICAL PROPERTIES

Parameter	Unit of Measure	Typical Value
Color	-	Light yellow
Form	-	Powder
Moisture	%	≤ 7.0
Zinc	%	5.5 to 6.5
Explosive properties:	-	Yeast Nutrient itself is not explosive

#### 10. STABILITY/REACTIVITY

##### Information on toxicological effects

Reactivity	No relevant information available
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The substance remains stable under typical usage conditions.

#### 11. TOXICOLOGICAL INFORMATION

##### Information on toxicological effects

Toxicity:	Even at high doses, there is no acute toxicity.
Skin irritation:	May irritate skin. For typical industrial handling, the risk is low.
Eye irritation:	May irritate eyes. For typical industrial handling, the risk is low.
Respiratory:	May irritate the respiratory tract. For typical industrial handling, the risk is low.

#### 12. ECOLOGICAL INFORMATION

##### Hazards

The product is not considered environmentally hazardous in terms of mobility, persistence, degradability, bioaccumulative potential, aquatic toxicity, and other ecotoxicity-related data.

#### 13. DISPOSAL

No special disposal methos is required, except to be in adherence to all local, state, provincial, and federal regulations when disposing of materials.  
Recommended: Packaging can be reused or recycled after being cleaned.

#### 14. TRANSPORT

Sea:	Applicable
Road/Rail:	Applicable
Air:	Applicable

#### 15. REGULATORY INFORMATION

This product is used in food industry and contains no health hazardous substances.

#### 16. OTHER INFORMATION

***The information presented here is based on our current understanding.  
It describes the product in terms of the necessary safety precautions.  
It does not imply that the product's qualities are guaranteed.***

*If you have any questions or concerns about our product please contact us at [lab@whclab.com](mailto:lab@whclab.com)*