

MATERIAL SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006

Printing date: 23.10.2024

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1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Trade name: Advanced Enzymes
Product form: Mixture

Relevant identified uses of the substance or mixture and uses advised against

Use of the substance: Agricultural use.

Details of the supplier of the safety data sheet

Croptivate B.V., Avenue Ceramique 221, Maastricht Il Fiore, NL-6221 KX Maastricht, office@croptivate.com

Emergency Phone: Tel. +31 6 46 37 67 15

2. Hazards identification

Classification of the substance or mixture

Classification according to Directive (EC) 1272/2008 None

Adverse physicochemical, human health and environmental effects

No additional information available

Label elements

**Labelling according to Regulation (EC)
No 1272/2008 [CLP]**

GHS Hazard Phrases: None

GHS Precaution Phrases: None

3. Composition / information on ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	GHS Classification
	Does not contain hazardous ingredients	100%	None

4. First Aid Measures

Description of First Aid Measures:

In Case of Inhalation:	Remove to fresh air. Give artificial respiration or give oxygen if necessary. Seek medical attention.
In Case of Skin Contact:	Immediately wash skin with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.
In Case of Eye Contact:	Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Have eyes examined and tested by medical personnel.
In Case of Ingestion:	Wash out mouth with water.
Information for the doctor:	Yeast extracts are harmless and nontoxic.

5. Fire Fighting Measures

Suitable Extinguishing Media:	Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray.
Flammable Properties:	The product is non-combustible.
Fire Fighting Instructions:	None
Protective Precautions:	None

Section 6. Accidental Release Measures

Protective Equipment and Emergency Procedures:	Ensure adequate ventilation
Environmental Precautions:	Take steps to avoid unnecessary release into the environment, if safe to do so.
Methods and Material For Containment and Cleaning Up:	Contain spill and collect, as appropriate. Transfer to a chemical waste container for disposal in accordance with local regulations.

Section 7. Handling and Storage

Precautions To Be Taken in Handling:	Do not smoke. Wash hands during breaks and at the end of work.
Precautions To Be Taken in Storing:	Keep container tightly closed. Store in accordance with information specified on the product

Section 8. Exposure Controls/Personal Protection

Engineering Measures:	Provide adequate ventilation.
Hand Protection:	Wear protective gloves. Rubber or plastic
Eye Protection:	Wear safety glasses. If risk of splashing, wear safety goggles or face shield.
Hygiene Measures:	Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes wet or contaminated. When using do not eat, drink or smoke.

Section 9. Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Physical States:	☐ Gas	☒ Liquid	☐ Solid
Appearance and Odour:	Golden brown		
Boiling Point:	n.a.		
Evaporation Rate:	n.a.		
Flammability (solid, gas):	n.a.		
Explosive Limits:	n.a.		
Solubility in Water:	100%		

Other information

Specific Weight:	1,055 g/l
pH:	4.5 - 5.5

Section 10 Stability and Reactivity

Stability:	Stable under normal temperature conditions.
Reactivity:	The product contains protein. Thus ammonia liberation may occur when reacts with strong acids or bases.
Corrosiveness:	none

Section 11. Toxicological Information

Ingestion:	no toxicity expected
Eye Contact:	may irritate the eyes.
Health Warnings:	Not classified as hazardous

Section 12. Ecological Information

Ecotoxicity: Not classified as hazardous

Section 13. Disposal Considerations

Waste Disposal Method: Dispose in accordance with local, state, and federal regulations

Section 14. Transport Information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA / US DOT

Land Transport No hazardous material according to transport regulations.

Proper Shipping Name: Yeast extract, Vitamine-B extract

Hazard Class: None

UN/NA Number: None

Packing Group: None

ADR Label: None

Section 15. Regulatory Information

EU-Regulations Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list Contains no
REACH Annex XIV substances

Regulatory Information Statement: This SDS was prepared in accordance with 29 CFR 910.1200
and Regulation (EC) Statement: No.1272/2008.

Section 16. Other Information

Revision Date: 1 January 2024

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