

Section 1. Identification**1.1 Product Identifier** EZ81560

Product Name AMYLASE (FUNGAL) 50g.

CAS Number Mixture

REACH Registration No A registration number is not available as the substance or its uses are exempt, the annual tonnage does not require a registration or the registration is envisaged for a later date.

1.2 Relevant identified uses of the substance or mixture & uses advised against

Uses of Material Chemical for industrial and laboratory use. Not suitable for domestic use.

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(24hr) 112
(Have this document to hand)**Section 2. Hazards Identification****2.1 Classification of the substance or mixture****Classification according to regulation 1272/2008/EC**

Respiratory sensitization, category 1

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

2.2 Label elements**Labelling according to regulation 1272/2008/EC**

Signal word Danger

Hazard Pictograms



Hazard Statements May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Section 3. Composition

3.2 Mixtures

Component	CAS No.	EEC No.	REACH No.	Conc w/w	CLP Classification (1272/2008/CE)
Amylase (fungal)	9000-90-2	232-565-6		10%	Resp. Sens. 1

Section 4. First Aid

4.1 Description of first aid measures

Eyes	Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. If eye irritation persists: Get medical advice/attention.
Skin	Rinse skin with water/shower. Remove contaminated clothing immediately and wash before re-use. If skin irritation occurs: Get medical advice/attention.
Inhalation	Remove to fresh air and loosen clothing around neck. Get medical advice/attention. If medical advice is needed, have product container or label at hand.
Ingestion	If conscious wash out mouth with water. Get medical advice/attention.
Personal protection for first aiders	Wear protective gloves / eye protection.

4.2 Most important symptoms and effects, both acute & delayed.

No further relevant information available.

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

No further relevant information available.

Section 5. Fire Fighting

5.1 Extinguishing media

Extinguishing Media	Presents no specific fire danger. Use water spray to keep fire exposed containers cool. Avoid the formation or spread of dust in the air.
Unsuitable Media	Nothing specified.

5.2 Special hazards arising from the substance or mixture

Hazards	Capable of causing respiratory sensitisation.
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5.3 Advice for firefighters

Advice for firefighters	Fire-fighters should wear protective clothing and breathing apparatus.
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Section 6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Protection	No specific hazard through eye contact although the wearing of safety glasses is advised. Wear a respiratory protective device with particle filter. Wear suitable protective clothing. Wear protective gloves.
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6.2 Environmental precautions

Environmental	Avoid the formation or spread of dust in the air. Keep material out of sewers, storm drains, surface waters and soil.
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6.3 Methods and material for containment and cleaning up

Major Spillage	Shovel/sweep up into container for removal Avoid creating dust. Ventilate area and wash spill site after material pickup is complete.
Minor Spillage	Wash area down with copious amounts of water.

6.4 Reference to other sections

See section 8.2 for information on protective equipment and section 13 for information on disposal.

Section 7. Storage & Handling

7.1 Precautions for safe handling

Store in a well ventilated place. Keep container tightly closed.

7.2 Conditions for safe storage, including any incompatibilities

Well ventilated, cool, dry storage .

7.3 Specific end use(s)

See section 1.2.

Section 8. Workplace Exposure & Personal Protection

8.1 Control parameters

Component	CAS No	Concentration	Workplace Exposure Limits	
			Long Term (8hr TWA)	Short Term 15min period
Amylase (fungal)	9000-90-2	10%	-	-

Exposure data source(s) No occupational exposure data currently available.

8.2 Exposure controls

Respiratory Protection	Wear a respiratory protective device with particle filter.
Hand Protection	Wear protective gloves.
Eye Protection	Use safety glasses with side shields.
Skin Protection	Wear suitable protective clothing.
Special Hazards	No special precautions required.

Section 9. Physical & Chemical Properties

9.1 Information on basic physical and chemical properties

Odour	Not available
pH	Not applicable
Boiling Point	Not available
Melting Point	Not applicable
Flash Point	Not applicable
Upper Flammable Limit	Not applicable
Lower Flammable Limit	Not applicable
Auto Ignition	Not applicable
Explosive Properties	Not applicable
Oxidising Properties	Not applicable
Vapour Pressure	Not applicable
Relative Density	Not available
Water Solubility	Not available

9.2 Other information

No data available.

Section 10. Stability & Reactivity

10.1 Reactivity	No data available.
10.2 Chemical Stability	Stable under normal conditions
10.3 Possibility of hazardous reactions	No data available.
10.4 Conditions to Avoid	No specific conditions.
10.5 Incompatible Materials	None known at present.
10.6 Hazardous Decomposition Products	None known at present.

Section 11. Toxicological Information

11.1 Information on toxicological effects

Eyes	There may be irritation & redness.
Skin	There may be irritation & redness.
LD50 Skin	Not available
Ingestion	There may be mild irritation at the site of contact.
LD50 Oral	Not available
Inhalation	Symptoms of exposure may include burning sensation, coughing, wheezing, shortness of breath, Main health hazard is through inhalation of the dust. May cause sensitisation by dust inhalation.
LD50 Inhalation	Not available
TCLo	Not available
Mutagenicity	No data available.

Section 12. Ecological

12.1 Toxicity	No specific environmental hazard. Biodegradable. No bioaccumulation potential.
LC50 Algal	Not available
LC50 Crustacea	Not available
LC50 Fish	Not available
12.2 Persistence and degradability	No data available.
12.3 Bioaccumulative potential	No data available.
12.4 Mobility in soil	No data available.
12.5 Results of PBT & vPvB assessment	Assessment not required.
12.6 Other adverse effects	None known at present.

Section 13. Disposal Considerations

13.1 Waste treatment methods

Disposal Methods	Larger quantities should be sent for disposal by an authorised waste disposer.
Contaminated Packaging	Wash out containers with water. Use a licensed waste disposer.

Section 14. Transport Information

14.1 UN Number	Non-restricted
14.2 Proper Shipping Name	Non-restricted
14.3 Transport classes	
UN classification	None
Subsidiary hazard(s)	None
Transport category	None
ADR Hazard ID	Non-restricted
Tunnel Restriction Code	Non-restricted
14.4 Packing Group	None
14.5 Environment hazards	See section 12.
14.6 Special precautions for user	No special precautions required.
14.7 Transport in bulk	Not transported in bulk.

Section 15. Regulatory Information

15.1 Safety, health and environment regulations specific for substance/mixture.

Classification, Labeling & Packaging of Substances & Mixtures Regulations (1272/2008/CE)

Classification Respiratory sensitization, category 1

Signal word Danger

Hazard Pictograms



Hazard Statements H334
May cause allergy or asthma symptoms or breathing difficulties if inhaled.

15.2 Chemical safety assessment

Assessment not required.

Section 16. Other Information

The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment. See sections 11 for toxicological information and section 12 for ecological information.

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