

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name: AMYLASE
CAS number: 9000-90-2
EINECS number: 232-565-6
Index number: 647-015-00-4
Product code: 116031
Synonyms: DIASTASE FROM MALT

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.3. Details of the supplier of the safety data sheet**

Company name: Philip Harris Ltd
2 Gregory Street
Hyde
Cheshire
SK14 4HR
United Kingdom
Tel: +44 (0)845 1200 506
Fax: +44 (0)161 367 2140
Email: enquiries@philipharris.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 845 1200 506

Section 2: Hazards identification**2.1. Classification of the substance or mixture**

Classification under CLP: Resp. Sens. 1: H334

Classification under CHIP: Sens.: R42

Most important adverse effects: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

2.2. Label elements**Label elements under CLP:**

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

Signal words: Danger

Hazard pictograms: GHS08: Health hazard



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2.3. Other hazards

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: AMYLASE

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: After contact with skin, wash immediately with plenty of water and soap. Remove contaminated, saturated clothing immediately. In case of skin reactions, consult a Doctor

Eye contact: Bathe the eye with running water for 15 minutes. Protect uninjured eye. Remove contact lenses, if present and easy to do. Consult a doctor.

Ingestion: Rinse mouth thoroughly with water. Seek urgent medical attention.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: May be harmful if swallowed. Irritation

Inhalation: There may be shortness of breath with a burning sensation in the throat.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Avoid creating inhalable dust or aerosols from the product.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: May cause allergic respiratory reaction.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Do not allow to enter into soil/subsoil. Spilt materials should be removed promptly to avoid formation of inhalable dust.

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6.3. Methods and material for containment and cleaning up

Clean-up procedures: Collect mechanically. Clean up residues with large amounts of water (discharge to foul sewer only).

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is exhaust ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area.

Suitable packaging: Keep in the original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

8.1. DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is exhaust ventilation of the area.

Respiratory protection: Particle filter class P3SL (EN143).

Hand protection: Protective gloves.

Eye protection: Tightly fitting safety goggles.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Powder

Colour: No data available

Odour: Characteristic odour

Evaporation rate: No data available

Oxidising: No data available

Solubility in water: No data available

Also soluble in: No data available.

Viscosity: No data available

[cont...]

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Viscosity test method: No data available.

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: No data available

10.5. Incompatible materials

Materials to avoid: No data available.

10.6. Hazardous decomposition products

Haz. decomp. products: No data available.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
ORL	MUS	LD50	>15	gm/kg
ORL	RAT	LD50	>7500	mg/kg

Relevant hazards for substance:

Hazard	Route	Basis
Respiratory/skin sensitisation	INH	Based on test data

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: May be harmful if swallowed. Irritation

Inhalation: There may be shortness of breath with a burning sensation in the throat.

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Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: Disposal must be made according to official regulations.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Phrases used in s.2 and 3: H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

R42: May cause sensitisation by inhalation.