

Section 1. Identification**1.1 Product Identifier** AM1344

Product Name AMYLASE - BACTERIOLOGICAL 100g.

CAS Number 9000-90-2

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.

1.3 Supplier WF Education GroupPhoenix House
Battlefield Enterprise Park
Stafford Drive
Shrewsbury
Shropshire
SY1 3FE
UNITED KINGDOM

Phone +44(0)1743 812200

Email sales@wf-education.com

Website www.timstar.co.uk

1.4 Emergency Telephone (08:30-17:00) +44(0)1743 812200
(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.

Precautionary Statements Avoid breathing dust / fume / gas / mist / vapours / spray. In case of inadequate ventilation wear respiratory protection. IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

Section 3. Composition

3.1 Substances

| Component | CAS No. | EEC No. | REACH No. | Conc w/w | CLP Classification (1272/2008/CE) |
|---------------------------|-----------|-----------|-----------|----------|-----------------------------------|
| Amylase - bacteriological | 9000-90-2 | 232-565-6 | | ~100% | 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. |
| Skin | Wash off skin thoroughly with water. |
| Inhalation | Remove from exposure. Seek medical attention if irritation persists. |
| Ingestion | Wash out the patients mouth thoroughly with water. |
| 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 | Water spray, foam, dry powder or carbon dioxide. |
| Unsuitable Media | Nothing specified. |

5.2 Special hazards arising from the substance or mixture

| | |
|---------|-----------------------------------|
| Hazards | Presents no specific fire danger. |
|---------|-----------------------------------|

5.3 Advice for firefighters

| | |
|-------------------------|---|
| Advice for firefighters | Consider all other materials in the vicinity. |
|-------------------------|---|

Section 6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

| | |
|---------------------|---------------------|
| Personal Protection | Do not create dust. |
|---------------------|---------------------|

6.2 Environmental precautions

| | |
|---------------|---|
| Environmental | Presents no major environmental hazard. |
|---------------|---|

6.3 Methods and material for containment and cleaning up

| | |
|----------------|---|
| Major Spillage | Sweep up and transfer to a suitable container for disposal. Wash area down with copious amounts of water. |
| Minor Spillage | Shovel/sweep up into container for removal 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

Avoid the formation or spread of dust in the air.

Ensure Local Exhaust Ventilation maintains dust concentrations to a minimum.

7.2 Conditions for safe storage, including any incompatibilities

Refrigerate.

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 - bacteriological | 9000-90-2 | ~100% | - | - |

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

8.2 Exposure controls

| | |
|------------------------|---|
| Respiratory Protection | Use L.E.V. or natural ventilation to reduce dust concentrations to a minimum. |
| Hand Protection | Wear gloves. |
| Eye Protection | No specific hazard through eye contact although the wearing of safety glasses is advised. |
| Skin Protection | Avoid contact with skin. |
| Special Hazards | No special precautions required. |

Section 9. Physical & Chemical Properties

9.1 Information on basic physical and chemical properties

| | |
|-----------------------|----------------|
| Appearance | Yellow powder. |
| Odour | Mild odour. |
| pH | 7 @ 20°C |
| Boiling Point | Not applicable |
| Melting Point | Not applicable |
| Flash Point | Not applicable |
| Upper Flammable Limit | Not applicable |
| Lower Flammable Limit | Not applicable |
| Auto Ignition | Not applicable |
| Explosive Properties | No. |
| Oxidising Properties | No. |
| Vapour Pressure | Not applicable |
| Relative Density | Not available |
| Water Solubility | Not specified. |

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 | No specific conditions. |

10.6 Hazardous Decomposition Products None unusual.

Section 11. Toxicological Information

11.1 Information on toxicological effects

| | |
|----------------------|--|
| Eyes | Presents no significant health hazard to the eyes. |
| Skin | Presents no significant hazard by skin contact. |
| LD50 Skin | Not available |
| Ingestion | Presents no significant hazard by ingestion. |
| LD50 Oral | Not available |
| Inhalation | A respiratory sensitiser. |
| LD50 Inhalation | Not available |
| TCLo | Not available |
| Carcinogenicity | Not considered to be a carcinogen. |
| Mutagenicity | Not considered to be a mutagen. |
| Reproductive Effects | None identified. |

Section 12. Ecological

| | |
|---------------------------------------|-----------------------------------|
| 12.1 Toxicity | No specific environmental hazard. |
| 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 | Do not dispose of as domestic waste. |
| Contaminated Packaging | Wash out containers with water. |

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.

Hazard Statements (Packs of 100ml/g or less) H334
May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary Statements P261, P285, P304+P341, P342+P311
Avoid breathing dust / fume / gas / mist / vapours / spray. In case of inadequate ventilation wear respiratory protection. IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

Precautionary Statements (Packs of 100ml/g or less) P260, P285
Do not breathe dust. In case of inadequate ventilation wear respiratory protection.

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.

Revision number: 1.2 (Supercedes revision 1.1)

Revision date: 16 April 2021

Reviewed by chemist: 16 April 2021

Printed date: 07 June 2021

