

SAFETY DATA SHEET

According to Regulation 2015/830

Actimatic Powder

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Revision 4
Supersedes: Revision 3 dated 01/06/2015
Issue Date: 26/02/2020

Section 1. IDENTIFICATION OF THE SUBSTANCE /MIXTURE AND THE COMPANY/ UNDERTAKING

- 1.1. Product identifier** Actimatic Powder
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Powdered biological product for drain treatment
- 1.3. Details of the supplier of the safety data sheet**
Genesis Biosciences
Unit P1, Capital Business Park
Capital Point, Parkway
Cardiff CF3 2PU
United Kingdom
Tel: +44 (0) 29 2079 1185
info@genesisbiosciences.com
- 1.4. Emergency telephone number**
Telephone +44 (0) 29 2079 1185 (8am-5.30pm GMT Monday to Friday)

Section 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to 1272/2008/EC

Eye Irrit, 2 H319 Causes serious eye irritation

2.2. Label elements

Labelling according to 1272/2008/EC

Hazard Pictograms



GHS-07

Signal word: Warning

Hazard statements

H319 Causes serious eye irritation

Precautionary Statements

P261 Avoid breathing dust

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

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P362 Take off contaminated clothing and wash before re-use

Supplemental Hazard Statements

EUH 208: Contains Lipase, may produce an allergic reaction.

2.3. Other hazards May form explosible dust-air mixture if dispersed. May cause mechanical irritation of the eye. Repeated inhalation of large amounts of respirable dust may irritate lungs and airways.

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable, material is a mixture

3.2. Mixtures

Hazardous ingredients declared according to Regulation (EC) No 1272/2008

CAS: 110615-47-9 EINECS: - REACH: 01-2119489418-23-0000	Alkyl polyglucoside	Skin Irrit. 2, H315 Eye Dam. 1, H318	1-3%
CAS: 9001-62-1 EINECS: 232-619-9 REACH: 01-2119972939-13-0000	Lipase	Resp. Sens. 1 H334	0.1-1%

A full explanation of H-phrases appears in Section 16

Substances with workplace exposure limits not declared above

CAS:- EINECS: -	Flour dust	>10%
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Section 4. FIRST AID MEASURES

4.1. Description of first aid measures

Eye Contact Rinse immediately with water for at least 5 minutes holding the eyelids open.

Skin Contact Wash off with soap and water. No need for first aid is anticipated.

Inhalation Move the exposed person to fresh air.

Ingestion Rinse mouth thoroughly. No need for first aid is anticipated.

Seek medical attention if any symptoms persist.

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

Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled by already sensitised individuals

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

No special treatment required

Section 5. FIRE FIGHTING MEASURES

5.1. Extinguishing media Product is a powder and is not flammable. Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture Use extinguishing media appropriate to the surrounding fire conditions.

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5.2. Special hazards arising from the substance or mixture

Product is a powder provided in small packages, that is not expected to burn or create special hazards

5.3. Advice for firefighters

Wear full protective clothing and suitable respiratory equipment when necessary

Section 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

No special protective clothing required.

6.2. Environmental precautions

Do not allow large amounts (i.e. more than 20 kg) of product to enter drains undiluted (it may cause physical blockages). Do not allow spillages to enter an open water course or surface water in an uncontrolled way. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Small spillages (<20 kg) can be washed to drain with water (but not to one that leads to an open water course or surface water). For larger spillages, sweep up and transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water

6.4. Reference to other sections

See sections 8 and 13 for additional information

Section 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with eyes, do not breath dust, wash thoroughly after handling. Avoid conditions where a combustible dust air mixture may be generated. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool dry, well-ventilated area. Keep containers tightly closed. Store in correctly labelled containers

7.3. Specific end use(s)

No exposure scenario currently available

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Ingredient	CAS	EC	Description	ppm	mg/m ³	Reference
Flour dust	-	-	Long term exposure limit (8 hour TWA reference period)	-	10	UK EH40 Oct 2007
			Short term exposure limit (15 minute reference period)	-	30	

8.2. Exposure controls

Engineering measures

Although WELs exist for ingredients in this product, normal use, i.e. dosing of small quantities of product, is not expected to generate significant dust. However, if use patterns do generate dust, ensure adequate ventilation of the working area

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Respiratory protection	If use means that dust is generated, wear suitable half mask respirator with filter P2 (EN143)
Hand protection	No chemical resistance gloves required
Eye protection	Wear approved safety glasses or goggles
Protective equipment	No special protective clothing required.
Environmental measures	Do not allow large amounts of product to enter open water courses or surface water

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Brown powder
Odour	Slight
Odour threshold	Not determined
pH	(of 1% solution) 7-8
Melting point/freezing point	Not applicable predominantly a mixture of organic and inorganic solids
Initial boiling point and boiling range	Not applicable predominantly a mixture of organic and inorganic solids
Flash point	Not applicable predominantly a mixture of organic and inorganic solids
Evaporation rate	Contains no volatile material
Flammability (solid, gas)	Not a flammable solid
Upper/lower flammability or explosive limits	Not applicable, see above
Vapour pressure	No vapour expected
Vapour density	Not applicable, see above
Relative density	0.75
Solubilities	Partially soluble, freely dispersible in water
Partition coefficient n-octanol/water	Not applicable predominantly a mixture of organic and inorganic solids
Autoignition temperature	Not applicable predominantly a mixture of organic and inorganic solids
Decomposition temperature	Not applicable predominantly a mixture of organic and inorganic solids
Viscosity	Not applicable, product is a powder
Explosive properties	No ingredients with explosive properties
Oxidising properties	No ingredients with oxidising properties
9.2. Other information	None available

Section 10. STABILITY AND REACTIVITY

10.1. Reactivity	No specific hazard
10.2. Chemical stability	Stable under normal conditions
10.3. Possibility of hazardous reactions	No hazardous reaction are expected
10.4. Conditions to avoid	Not determined
10.5. Incompatible materials	None known
10.6. Hazardous decomposition products	None known

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Section 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

a) Acute toxicity

Contains no toxic ingredients and therefore no ATE can be calculated.

The microorganisms in this product are all Group 1 (i.e. considered unlikely to cause human disease) according to EU Directive 2000/54/EC and related legislation.

b) Skin corrosion/irritation: Mixture not classified as corrosive to skin or causing skin irritation.

c) Serious eye damage/irritation: Classified as causing serious eye irritation.

d) Respiratory or skin sensitisation: Contains materials that cause respiratory sensitisation at levels below where classification of the product is required. May cause allergy or asthma symptoms or breathing difficulties if inhaled by already sensitised individuals. Does not contain ingredients classified as skin sensitisers.

e) Germ cell mutagenicity: Does not contain ingredients that are known germ cell mutagens

f) Carcinogenicity: Does not contain ingredients that are known carcinogens

g) Reproductive toxicity: Does not contain ingredients that are known reproductive toxicants

h) STOT single exposure: Does not contain ingredients that are known to cause single target organ toxicity with single exposure

i) STOT repeated exposure: Does not contain ingredients that are known to cause single target organ toxicity with repeated exposure

j) Aspiration hazard: Does not contain ingredients that are known to cause aspiration hazards

Section 12. ECOLOGICAL INFORMATION

12.1. Toxicity

Does not contain ingredients that are toxic or harmful to the aquatic environment, so no classification of mixture is required for acute or chronic effects

12.2. Persistence and degradability

Product is predominantly a mixture of an inert inorganic material and a cereal based organic carrier and given the nature of the ingredients and their concentration in the mixture, no issues with persistence or degradability are expected.

12.3. Bioaccumulative potential

Given the classification and environmental behavior information on the ingredients and their concentration in the mixture, product is not expected to bioaccumulate

12.4. Mobility in soil

Product is partially soluble and freely dispersible in water: not expected to be retained in soil to any significant extent

12.5. Results of PBT and vPvB assessment

Not anticipated to be PBT or vPvB

12.6. Other adverse effects

None known

Section 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods Small quantities of product (up to 20kg on any one occasion) can be disposed of to drain (but not one that leads to an open water course or surface water) with a 10 times dilution with water. Small quantities of product (<20kg) can also be disposed of with normal refuse.

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Section 14. TRANSPORT INFORMATION

14.1. UN number	Not regulated
14.2. UN proper shipping name	Not regulated
14.3. Transport hazard class(es)	Not regulated
14.4. Packing group	Not regulated
14.5. Environmental hazards	Not applicable
14.6. Special precautions for user	None required
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable

Section 15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	No known regulations or restrictions exist in EU Member states
15.2. Chemical safety assessment	No chemical safety assessment has been carried out

Section 16. ADDITIONAL INFORMATION

Revision	This SDS has been brought into compliance with Regulation 2015/830. No changes to the classification of ingredients or the preparation, the GHS/CLP symbols and phrases and communication of classification, hazards and have been made. Additional information on the REACH status of ingredients has been added in Section 3.2. Additional information on dust explosion hazards have been added in sections 2.3. 5.1, 5.2 and 7.1.
Explanation of H-phrases that appear in section 3	H315 Causes skin irritation H318 Causes serious eye damage H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
References	Annex II Annex II of (EU) No 453/2010 http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2010:133:0001:0043:en:PDF European Chemicals Agency (ECHA) Guidance on the compilation of safety data sheets, Version 3.1, November 2015 https://echa.europa.eu/documents/10162/23036412/sds_en.pdf/01c29e23-2cbe-49c0-aca7-72f22e101e20
Method used to classify:	Mixture has been classified by reference to information on ingredients
Further information	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any other process.