

# SAFETY DATA SHEET - BIO MIX BM

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) 1272/2008 (CLP)

## 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Product Name	Bio Mix	
Trade name	BM	
CAS No.		n/a
EINECS No.		n/a

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

Identified use(s)	Biological preparation for breaking down organic soiling in grease traps, septic tanks, etc
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### 1.3 Details of the supplier of the safety data sheet

Company Identification	Bio Productions Ltd
Company Address	72 Victoria Road, Burgess Hill, RH15 9LH, United Kingdom
Telephone	0044 (0) 1444 244000
Fax	0044 (0) 1444 244999
E-Mail (competent person)	technical@bio-productions.com

### 1.4 Emergency telephone number

Emergency Phone No.	0044 (0) 1444 244000 (office hours only)
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## 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	Not classified
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2.1 Regulation (EC) No. 1272/2008 (CLP)	Classification according to Regulation (EC) No 1272/2008 (CLP)
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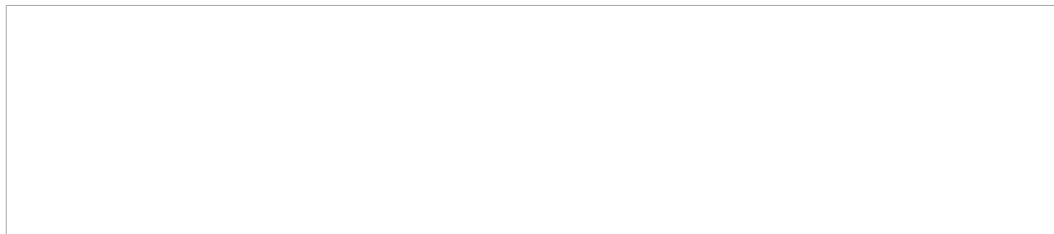
2.1 Directive 67/548/EEC & Directive 1999/45/EC	Classification according to Directive 1999/45/EC Not classified
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### 2.2 Label elements

2.2.1 Label elements	According to Regulation (EC) No 1272/2008 (CLP)
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GHS Product Identifier

Hazard pictogram(s) Reach



Signal word(s) Reach	None
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Hazard statement(s)	None
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Precautionary statement(s)	P102 Keep out of reach of children P301+P312 IF SWALLOWED: call a POISON CENTRE or doctor/physician if you feel unwell. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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## 3 COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Hazardous Ingredient(s):	EINECS No	CAS NUMBER	%W/W	REACH according to Directive 67/548/EEC	CLP according to Regulation EC/1272/2008
Protease enzyme	232-991-2	9090-56-2	<1	Xi, R36/38 & R42	Serious eye dam./irrit 2B;H320 Skin corr./irrit. 2; H315 Sens. Resp. 1: H334
Amylase enzyme	232-565-6	9000-90-2	<1	R42	Sens. Resp. 1; H334
Non Hazardous Ingredient(s):	EINECS No	CAS NUMBER	%W/W	SYMBOL	RISK PHRASES
Sodium Chloride	231-598-3	7647-14-5	>30		
Yeast & Soya Flour			10-25		
Bacteria species (non pathogen)(1x100 ml cfu/g)		n/a	< 5		

## 4 FIRST AID MEASURES

### 4.1 Description of first aid measures (Symptoms)

Inhalation	With normal use should not present a hazard
Skin Contact	May cause irritation and an allergic reaction
Eye Contact	May cause slight irritation
Ingestion	May cause irritation to the mouth, throat and digestive tract
Additional Information	Symptomatic treatment



### 4.2 Description of first aid measures (Actions)

Inhalation	If affected, remove to fresh air, keep warm and at rest. Obtain medical attention in severe cases.
Skin Contact	Wash skin with soap and water. In severe cases obtain medical help.
Eye Contact	In case of contact, rinse immediately with plenty of water for at least 10-15 minutes. Obtain medical attention if irritation persists
Ingestion:	Do not give anything by mouth to an unconscious person. Wash out mouth with water and give copious amounts of water to drink. Do not induce vomiting. Obtain medical advice if patient unwell.
Additional Information	Always launder contaminated clothing before re-use

## 5 FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

Suitable Extinguishing Media	Product not flammable. Water spray, foam, dry powder or CO2 for surrounding fires.
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### 5.2 Special hazards arising from the

Substance or mixture	
Exposure hazards	In combustion emits toxic fumes

### 5.3 Advice for fire-fighters

Special protective equipment for fire fighters	Full protective equipment including self-contained respiratory protection
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## 6 ACCIDENTAL RELEASE MEASURES

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|--|---|
| <b>6.1 Personal precautions, protective equipment and emergency procedures</b> | Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS |
| <b>6.2 Environmental precautions</b>   | Do not discharge into drains or rivers. Contain the spillage using bunding.   |
| <b>6.3 Methods and material for containment and cleaning up</b>                | Transfer to a suitable container. Wash the spillage site with large amounts of water.   |
| <b>6.4 Reference to other sections</b>   |   |
| <b>6.5 Additional Information</b>  | Spillages will prove slippery if product gets wet   |

## 7 HANDLING AND STORAGE

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|---|---|
| <b>7.1 Precautions for safe handling</b>                                | Avoid eye contact and prolonged skin contact                                |
| <b>7.2 Conditions for safe storage, including any incompatibilities</b> | Keep in original containers   |
| <b>7.3 Suitable packaging</b>   |   |
| <b>7.3 Specific end use(s)</b>  | Keep tightly closed when not in use<br>Do not store below 5°C or above 30°C |

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control Parameters

Hazardous Ingredients

NO OCCUPATIONAL LIMIT ASSIGNED

Workplace exposure limits

Respirable dust

State	8 hour TWA	15 min STEL	8 hour TWA	15 min Stel

### 8.2 Exposure Controls

Engineering measures

Respiratory Protection

Not necessary under normal usage

Hand Protection

Wear protective gloves (Butyl rubber or Polyvinyl chloride)

Eye Protection

Wear safety goggles

Skin Protection

Wear suitable protective overalls

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## **9 PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 Information on the basic physical and chemical properties**

Form:	Powder
Odour:	Yeast
Colour:	Buff
Viscosity:	Not Applicable
pH (Value):	7-8
Density (g/ml):	Not determined
Boiling Point:	Not Applicable
Flash Point:	Not Applicable
Melting Point:	Not Applicable
Pour Point (Deg C):	Not Applicable
Auto Ignition Temp.	Not Applicable
Vapour Pressures:	Not Applicable
Solubility (water):	Dispersible
Solubility (other):	Not Applicable
Partition Coefficient:	Not Applicable
Flammable Limits:	Not Applicable
Oxidising Props.	Not Applicable

### **9.2 Other information**

## **10 STABILITY AND REACTIVITY**

<b>10.1 Reactivity</b>	Not expected to be reactive.
<b>10.2 Chemical Stability</b>	Stable under normal conditions
<b>10.3 Possibility of hazardous reactions</b>	No polymerisation reaction expected
<b>10.4 Conditions to avoid</b>	Extremes of temperature and moisture
<b>10.5 Incompatible materials</b>	Strong oxidising/reducing agents Strong acids, alkalis or disinfectants
<b>10.6 Hazardous decomposition products</b>	Burning produces Oxides of Carbon

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## 11 TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Toxicity values

Route	Species	Test	Value	Units

#### Relevant effects for mixture

Effect	Route	Basis

### 11.2 Symptoms / Routes of exposure

Skin contact	May cause slight/mild irritation to sensitive skin with prolonged contact. May produce an allergic reaction.
Eye Contact	May cause mild irritation
Ingestion	May cause irritation to the mouth, throat and digestive tract. May also Cause nausea.
Inhalation	Under normal use should not present a hazard

## 12 ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Eco Toxicity values

Species	Test	Value	Units

### 12.2 Persistence and degradability

The surfactant(s) used in this preparation comply(ies) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available  to them, at their  direct request or at the request of a detergent manufacturer.

### 12.3 Bioaccumulative potential

No bioaccumulation potential.

### 12.4 Mobility in soil

Readily absorbed into soil

### 12.5 Results of PBT and vPvB assessment

Does not contain PBT or vPvB substances.

### 12.6 Other Adverse Effects

Negligible ecotoxicity.

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## **13 DISPOSAL CONSIDERATIONS**

### **13.1 Waste treatment methods**

Disposal operations	Dispose of in accordance with Local Authority Guidelines and Regulations
Disposal of packaging	Dispose of in accordance with Local Authority Guidelines and Regulations

**NB: The users attention is drawn to the possible existence of regional or national regulations regarding disposal**

## **14 TRANSPORT INFORMATION**

**14.1 UN Number** Not regulated for transport

**14.2 UN Proper shipping name**

**14.3 Transport hazard class(es)**

<b>ARD/RID</b>	:	<b>Class</b>
<b>IMDG</b>	:	<b>Proper shipping name</b>
<b>IATA</b>	:	<b>Proper shipping name</b>

**14.4 Packing Group**

**14.5 Environmental hazards**

Environmental hazardous	No
Marine pollutant	No

**14.6 Special precautions for user**

## **15 REGULATORY INFORMATION**

**This preparation was classified in compliance with the following directions and regulations**

Regulation (EC) No 1907/2006 (REACH) and amendments thereof up to and including Regulation (EU) No 453/2010. Regulation (EC) No 1272 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures.

**other provisions**

The regulatory information given above only indicates the principal regulations specifically applicable to the product described in this safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

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## **15 REGULATORY INFORMATION (continued)**

### **15.2 chemical safety assesment**

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## **16 OTHER INFORMATION**

### **16.1 Phrases used in Sections 2 and 3**

Hazard Statements

H320 Causes eye irritation

H315 Causes skin irritation

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

Risk phrases

R36/38 Irritating to eyes and skin

R42 May cause sensitisation by inhalation

### **16.2 Other information**

Contains:

Enzyme.

### **Legal disclaimer**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements & local regulations

This company shall not be held liable for any damage resulting from handling or from contact with the above product.