

# **SAFETY DATA SHEET - BIO MIX**

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.  
EINECS No.

### **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 tar

### **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)

## **2 HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture** Not classified as hazardous

2.1 Regulation (EC) No. 1272/2008 (CLP)

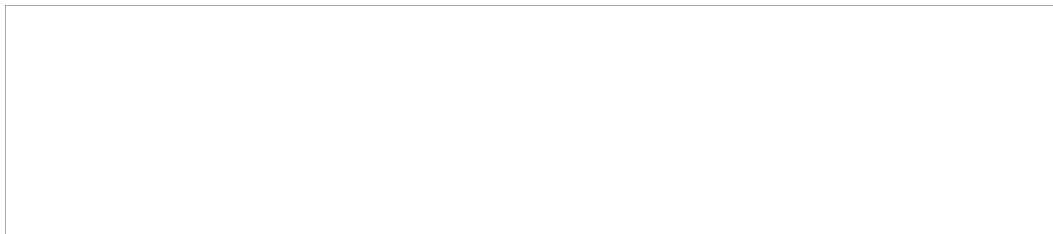
2.1 Directive 67/548/EEC & Directive 1999/45/EC

### **2.2 Label elements**

**2.2.1 Label elements** Not classified as hazardous

GHS Product Identifier

Hazard pictogram(s) Reach



Signal word(s) Reach

Hazard statement(s)

Precautionary statement(s)

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## 3 COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Hazardous Ingredient(s):	EINECS No	CAS NUMBER	%W/W	SYMBOL	RISK PHRASES
Subtilisin	232-752-2	01/01/9014	<5	Xn	R36/38 & R42
Alpha-amylase	232-565-6	9000-90-2	<5	Xn	R42
Non Hazardous Ingredient(s):	EINECS No	CAS NUMBER	%W/W	SYMBOL	RISK PHRASES
Sodium chloride	231-598-3	7647-14-5	>30		
Bacteria species (non pathogen)			<5		

## 4 FIRST AID MEASURES

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

Inhalation  
Skin Contact  
Eye Contact  
Ingestion  
Additional Information

Irritation can cause an allergic reaction  
May cause slight irritation  
May cause slight irritation  
May cause irritation to the mouth, throat and digestive tract  
Symptomatic treatment



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

Inhalation  
  
Skin Contact  
Eye Contact

Ingestion:

Additional Information

If affected, remove to fresh air, keep warm and at rest.  
Obtain medical attention in severe cases.  
Wash skin with soap and water. In severe cases obtain medical help.  
In case of contact, rinse immediately with plenty of water for at least 10-15 minutes. Obtain medical attention if irritation persists  
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.  
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

### 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

- 6.1 Personal precautions, protective equipment and emergency procedures** 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
- 6.2 Environmental precautions** Do not discharge into drains or rivers.
- 6.3 Methods and material for containment and cleaning up** Sweep up and transfer to a suitable container for disposal under local authority guidance
- 6.4 Reference to other sections**
- 6.5 Additional Information**

## 7 HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Avoid eye contact and prolonged skin contact
- 7.2 Conditions for safe storage, including any incompatibilities** Keep in original containers
- 7.3 Suitable packagings**
- 7.3 Specific end use(s)** Keep tightly closed when not in use  
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

Dust mask

Hand Protection

Wear suitable gloves

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):	Not Applicable
Density (g/ml):	Not Applicable
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

### 10.1 Reactivity

### 10.2 Chemical Stability

Stable under normal conditions

### 10.3 Possibility of hazardous reactions

### 10.4 Conditions to avoid

Extremes of temperature and moisture

### 10.5 Incompatible materials

Strong acids/alkalis & Disinfectants

### 10.6 Hazardous decomposition products

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	Inhalation of dust from inappropriate handling may induce sensitisation and may

## 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

### 12.5 Results of PBT and vPvB assessment

### 12.6 Other Adverse Effects

Negligible ecotoxicity.



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

### **Risk phrases**

### **Safety phrases**

**S2** Keep out of the reach of children

**S22** Do not breathe dust

**S26** In case of contact with eyes, rinse immediately with plenty of water and seek

**S46** If swallowed, seek medical advice immediately and show this container or label

### **15.2 chemical safety assesment**

## **16 OTHER INFORMATION**

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

#### **Risk Phrases**

R36/38 Irritating to eyes and skin.

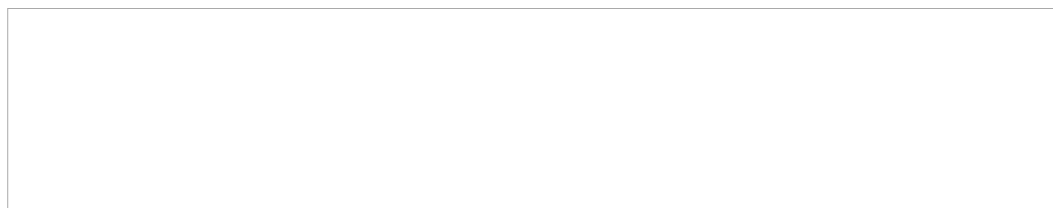
R42 May cause sensitisation by inhalation

#### **Safety Phrases**

### **16.2 Other Information**

#### **CLP label elements**

Hazard pictogram(s) CLP



Signal word(s) CLP

#### **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.