

SAFETY DATA SHEET - BIO CLEAR

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 Clear | |
| Trade name | A0705 | |
| 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 grease trap and pipework maintainer |
|-------------------|--|

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 |
|---|----------------|

| | |
|--|--|
| 2.1 Regulation (EC) No. 1272/2008 (CLP) | Classification according to Regulation (EC) No 1272/2008 (CLP) |
|--|--|

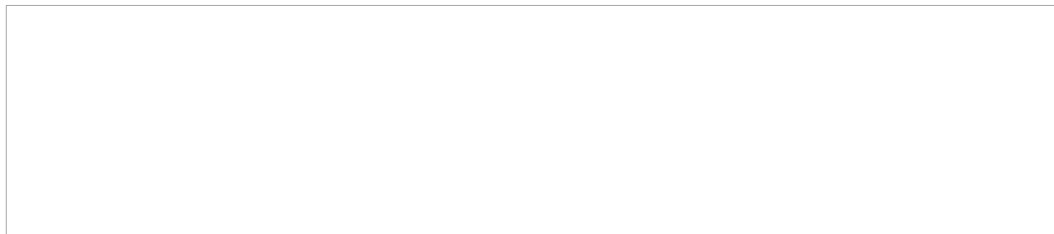
| | |
|--|--|
| 2.1 Directive 67/548/EEC & Directive 1999/45/EC | Classification according to Directive 1999/45/EC Not classified |
|--|--|

2.2 Label elements

| | |
|-----------------------------|---|
| 2.2.1 Label elements | According to Regulation (EC) No 1272/2008 (CLP) |
|-----------------------------|---|

| | |
|------------------------|--|
| GHS Product Identifier | |
|------------------------|--|

| | |
|---------------------------|--|
| Hazard pictogram(s) Reach | |
|---------------------------|--|



| | |
|----------------------|------|
| Signal word(s) Reach | None |
|----------------------|------|

| | |
|---------------------|------|
| Hazard statement(s) | None |
|---------------------|------|

| | |
|----------------------------|---|
| 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 |
|---|-----------|------------|------|---|--|
| Fatty alcohol ethoxylate | | 68439-46-3 | <2 | Xn, Xi; R22 & R41 | Acute tox. 4; H302 Eye Dam. 1; H318 |
| Amylase enzyme | 232-565-6 | 9000-90-2 | <1 | R42 | Sens. Resp. 1; H334 |
| Protease enzyme | 232-991-2 | 9080-56-2 | <1 | R42 | Sens. Resp. 1; H334 |
| Non Hazardous Ingredient(s): | EINECS No | CAS NUMBER | %W/W | SYMBOL | RISK PHRASES |
| 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. |
|------------------------------|--|

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. Contain the spillage using bunding.
- 6.3 Methods and material for containment and cleaning up** Absorb into dry earth or sand. Transfer to a suitable container. Wash the spillage site with large amounts of water.
- 6.4 Reference to other sections**
- 6.5 Additional Information** Spillages will prove slippery if product gets spilled on the floor.

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 packagine**
- 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

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: | Liquid |
| Odour: | Neutral |
| Colour: | Brown |
| Viscosity: | Not Applicable |
| pH (Value): | 7-8 |
| Density (g/ml): | 1.006 approx. |
| 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): | Dissolves |
| 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 | Not expected to be reactive. |
| 10.2 Chemical Stability | Stable under normal conditions |
| 10.3 Possibility of hazardous reactions | No polymerisation reaction expected |
| 10.4 Conditions to avoid | Extremes of temperature and moisture |
| 10.5 Incompatible materials | Strong oxidising/reducing agents Strong acids, alkalis or 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 | 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)

| | | |
|----------------|---|-----------------------------|
| ARD/RID | : | Class |
| IMDG | : | Proper shipping name |
| IATA | : | Proper shipping name |

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

H302 Harmful if swallowed
H318 Causes serious eye damage
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled

Risk phrases

R22 Harmful if swallowed
R41 Risk of serious damage to eyes
R43 May cause sensitisation by skin contact

16.2 Other information

Contains:
Anionic surfactants <5%
Enzymes.

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.