

SAFETY DATA SHEET - DRAIN SOLUTION

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	Drain Solution	
Trade name	DS	
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 Drain Unblocker
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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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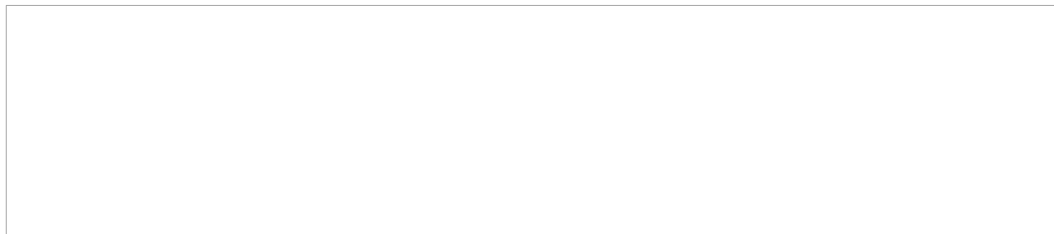
2.1 Directive 67/548/EEC & Directive 1999/45/EC	Classification according to Directive 1999/45/EC
	Not classified

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
Fatty alcohol ethoxylate		68439-46-3	< 2.5	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
Perfume		N/A	<1	Xn, N; R10, R38, R43, R65 & R51/53	Flam. Liq. Cat.3; H226. Skin irrit. Cat2 H315. Sens. Skin cat.1; H317. Asp.
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
Skin Contact
Eye Contact
Ingestion
Additional Information

Mist may cause sensitisation by inhalation in already sensitised individuals
May cause irritation in sensitive persons
May cause mild 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 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

Small spills can be handled with a mop and water. Large spills should be contained with sawdust and disposed of under local authority regulations.

6.4 Reference to other sections

6.5 Additional Information

Spillages will prove slippery if product gets spilled onto the floor

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid eye contact and prolonged skin contact. Do not breathe mist.

7.2 Conditions for safe storage, including any incompatibilities

Keep in original containers

7.3 Suitable packaging

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

Not necessary under normal use

Respiratory Protection

Not necessary under normal usage

Hand Protection

Wear protective gloves (Butyl rubber or Polyvinyl chloride)
Always wash hands thoroughly after handling product.

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:	Lemon
Colour:	Green
Viscosity:	Not Applicable
pH (Value):	7-8
Density (g/ml):	1.00 approx.
Boiling Point:	>100 degrees celcius
Flash Point:	Not Applicable
Melting Point:	<0 degrees celcius
Pour Point (Deg C):	<0 degrees celcius
Auto Ignition Temp.	Not Applicable
Vapour Pressures:	Not Applicable
Solubility (water):	Soluble
Solubility (other):	Not Applicable
Partition Coefficient:	Not Applicable
Flammable Limits:	Not Applicable
Oxidising Props.	Not Applicable

9.2 Other information

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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
No data				

Relevant effects for mixture

Effect	Route	Basis
No data		

11.2 Symptoms / Routes of exposure

Skin contact	May cause slight/mild irritation to sensitive skin with prolonged contact.
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
No data			

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:
Nonionic surfactants <5%
Perfume
Amylase & Protease
May cause an allergic reaction.

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.