

SAFETY DATA SHEET - ROYAL FLUSH BIOLOGICAL CISTERN BLOCK

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	Royal Flush Biological Cistern Block
Trade name	RFBCB
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 cistern block
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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	IRRITANT
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2.1 Regulation (EC) No. 1272/2008 (CLP)	
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2.1 Directive 67/548/EEC & Directive 1999/45/EC	
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2.2 Label elements

2.2.1 Label elements	IRRITANT
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GHS Product Identifier	
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Hazard pictogram(s) Reach	
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Signal word(s) Reach	IRRITANT
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Hazard statement(s)	
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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
Benzenesulphonic acid	270-115-0	68411-30-3	15-25	Xn	R22, R37/38, R41
Terpineol	232-268-1	8000-41-7	5-15	Xi	R38
Non Hazardous Ingredient(s):	EINECS No	CAS NUMBER	%W/W	SYMBOL	RISK PHRASES
Sodium chloride		7647-14-5	>30		
Bacteria species (non pathogen) (1x100mil cfu/g)			<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

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

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** Wearing suitable gloves pick/sweep up blocks and return to container
Blocks can still be used.
- 6.4 **Reference to other sections**
- 6.5 **Additional Information** Will be slippery if product gets wet

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

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:	Solid (Blocks)
Odour:	Pine
Colour:	Blue
Viscosity:	Not Applicable
pH (Value):	8 Typical (1% Solution)
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):	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

10.2 Chemical Stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

Extremes of temperature and moisture (in storage)

10.5 Incompatible materials

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.
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

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

Marine pollutant

14.6 Special precautions for user

15 REGULATORY INFORMATION

this preparation was classified in compliance with the following directions and regulations

15.1 Hazardous Ingredients

Hazard symbol



EEC classification

IRRITANT

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)

Risk phrases

R38 Irritating to skin.
R41 Risk of serious damage to eyes

Safety phrases

S2 Keep out of the reach of children,
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S28 After contact with skin ,wash immediately with plenty of water
S37/39 Wear suitable gloves and eye/face protection
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

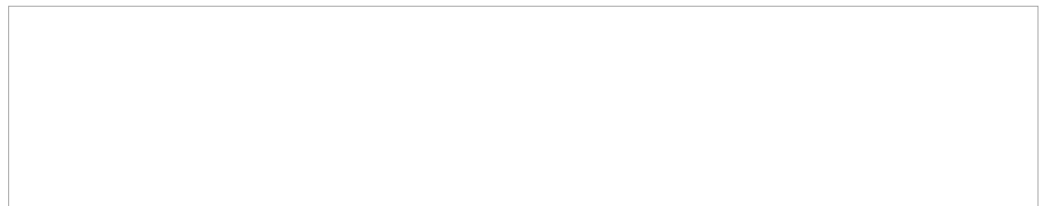
R22 Harmful if swallowed
R37/38 Irritating to respiratory system and skin.
R38 Irritating to skin
R41 Risk of serious damage to eyes.

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.