

Material Safety Data Sheet

In compliance with Regulation (EC) No. 1907/2006 & 453/2010 (REACH)

Revision Date: 09/10/14, issue 2

1. IDENTIFICATION OF THE PRODUCT AND SUPPLIER

- 1.1 Product identifier** Ecoshield Urinal Blocks UT6052
- 1.2 Use of Preparation** Biological urinal dome for continuous cleaning, deodorisation and scale control in urinal systems.
- 1.3 Supplier details** Biological Preparations Ltd.
Beaufort Court
Atlantic Wharf
Cardiff
CF10 4AH
Phone: + 44 (0)29 2067 4090
Fax: +44 (0) 29 2067 4091
E-mail: general@biologicalpreparations.com
- 1.4 Emergency telephone number :** Phone: + 44 (0)29 2067 4090 (8am-5pm)

2. HAZARDS IDENTIFICATION

- 2.1 Classification of the mixture**
In compliance with directives 67/548/EEC, 1999/45/EC and their amendments

Classification:
Irritant.

Hazard Symbol



- 2.2 Label Elements**
In compliance with directives 67/548/EEC, 1999/45/EC and their amendments

- Risk Phrases** R38 Irritating to skin
R41 Risk of serious damage to eyes.
- Safety Phrases** S2 Keep out of the reach of children.
S24 Avoid contact with skin.
S25 Avoid contact with the eyes.
S26 In case of contact with eyes, rinse immediately with plenty of

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water and seek medical advice.

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

2.3 Other hazards

Product is not dangerous to the environment and is fully biodegradable.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

3.2 Mixtures

Composition:

Ingredient	Cas no.	EC No.	Conc
Sodium Dodecylbenzene sulphonate	25155-30-0	270-115-0	25-50%

Classification (EC 1272/2008)

Skin Irrit. 2 - H315;
Eye Dam. 1 - H318.

Classification (67/548/EEC)

Xi; R38, R41.

4. FIRST AID MEASURES

4.1 Description of first aid measures

In the event of exposure by inhalation:

Move to fresh air. Immediate medical attention not required.

In the event of splashes or contact with the eyes:

Immediately flush eyes with plenty of water for at least 15 minutes. If any persistent irritation is apparent obtain medical advice immediately.

In the event of splashes or contact with the skin:

Remove contaminated clothing. Wash off skin with plenty of water, using soap if available.

In the event of swallowing:

Rinse mouth and throat and drink water to dilute. Do not induce vomiting. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

General information

The severity of the symptoms described will vary dependent of the concentration and the length of exposure.

Inhalation

No specific symptoms noted.

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Ingestion

No specific symptoms noted. Product may cause discomfort if swallowed.

Skin contact

Prolonged or excessively repeated skin contact may lead to irritation.

Eye contact

In the event of direct contact, may cause redness, pain and irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media:

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

Suitable methods of extinction

Water, dry chemical or carbon dioxide.

Unsuitable methods of extinction

None known.

5.2 Special hazards arising from the mixture

When heated and in case of fire oxides of carbon and nitrogen may be evolved.

5.3 Advice for fire-fighters

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and procedures

Use protective equipment (See Section 8).

6.2 Environmental precautions

Avoid excessive release to the environment.

6.3 Methods and materials for containment and cleaning up

Clean by collection. Dispose of material in accordance with local or national regulations.

6.4 Reference to other sections

For personal protection, see section 8.

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7. HANDLING AND STORAGE

7.1 Precautions for safe handling

The use of gloves will reduce exposure to the preparation.

7.2 Conditions for safe storage, including any incompatibilities

Store at moderate temperatures in a dry and well ventilated area. Keep in original container. Store away from: oxidising materials. Strong alkalis or acids may inactivate biological activity.

7.3 Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

Usage Description

See Product Information Sheet & Label for detailed use of this product.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Ingredient comments

No exposure limits noted for ingredient(s).

8.2 Exposure controls

Engineering measures

Not relevant.

Personal protection measures, such as personal protective equipment

Eye/face protection

Safety glasses/goggles recommended, to prevent eye exposure.

Hand protection

Wear suitable gloves.

Body protection

Avoid prolonged or frequent repeated skin contact especially with broken skin.

Respiratory protection

Respiratory protection not required.

Other Protection

Avoid contact with skin. When using do not eat, drink or smoke. Remove and wash contaminated clothing before re-use.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

General information:

Physical state

Appearance	Solid
Colour	Blue
Odour	Characteristic
Solubility	Soluble
pH	approx. 8 (1% solution)

9.2 Other information

None.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No specific reactivity hazards associated with this product.

10.2 Chemical stability

Product is stable under normal conditions of use.

10.3 Possibility of hazardous reactions

See sections 10.1, 10.4 & 10.5

10.4 Conditions to avoid

Avoid temperatures below 0°C and above 45°C.

10.5 Incompatible materials

Avoid oxidizing agents and strong acids and alkali compounds.

10.6 Hazardous decomposition products

None anticipated.

11. TOXICOLOGICAL

11.1 Information on toxicological effects

Skin corrosion/skin irritation:

May cause irritation to skin.

Serious damage to eyes/eye irritation:

Risk of serious damage to eyes.

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Respiratory or skin sensitization:

Not determined.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

12.2 Persistence and degradability

Readily biodegradable, according to appropriate OECD test.

12.3 Bio-accumulative potential

No appreciable bioaccumulation potential is to be expected due to high water solubility.

12.4 Mobility in soil

This preparation has high water solubility. Therefore it is likely to distribute predominantly to the aqueous environment.

12.5 Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6 Other adverse effects

Not known.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product Waste:

Dispose of by incineration, landfill or to drain in accordance with local regulations.

Soiled packaging:

Rinse container and consign empty container to normal waste.

14. TRANSPORT INFORMATION

General

Not classified for Transport.

14.1 UN Number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport Hazard class(es)

Not applicable

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Land
Inland Waterway Transport
Sea
Air

14.4 Packing group	Not applicable
14.5 Environmental hazards	Not applicable
14.6 Special Precautions for user	Handle with care

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010, which amends Regulation (EC) No 1907/2006.

The product is as classified under CHIP Directive 1999/45/EEC Classification, Packaging & Labelling of Dangerous Preparations.

Ingredients are listed with classification under both CHIP - Directive 67/548/EEC - classification, packaging & labelling of dangerous substances & GHS/CLP Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

15.2 Chemical safety assessment

Not applicable - this product is a mixture.

16. OTHER INFORMATION

Information Sources

Material Safety Data Sheets from raw material manufacturers.

CLP Classification - List of harmonised classification and labelling of hazardous substances.

CHIP Classification - List of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC.

Comments

This Material Safety Data Sheet has been prepared in accordance with REACH Commission Regulation (EU) No 453/2010, which amends Regulation (EC) No 1907/2006. Raw material (ingredient) hazard classifications are listed in both CHIP & CLP format.

Revision Date: 09/10/14

The Risk Phrases/Hazard Statements listed below relate to the raw materials (ingredients) in the product (as listed in Section 3) and NOT the product itself. For the Risk Phrases / Hazard Statements relating to this product refer to Section 2.

Risk Phrases in Full

R38 Irritating to skin.

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R41 Risk of serious damage to eyes.

Hazard Statements in Full

H315 Causes skin irritation.

H318 Causes serious eye damage.

Legal disclaimer:

The information provided is to the best of our knowledge correct and accurate. However, all data instructions and suggestions should be used only for guidance purposes. This company shall not be held liable for any damage resulting from handling or contact with the above product.

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General

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14.1 UN Number

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14.2 UN proper shipping name

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14.3 Transport Hazard class(es)

Not applicable

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14.5 Environmental hazards	Not applicable
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