

SAFETY DATA SHEET



Version: 1.1 Date: 19.06.2015

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 453/2010

Bio8 Urinal Block

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier**
Product Name Bio8 Urinal Block with hole, Mint Ref:
CAS No. None assigned - Mixture
EINECS No. None assigned - Mixture
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Identified Use(s) Scented biological detergent block for foaming and freshening toilets.
Uses Advised Against Anything other than the above.
- 1.3 Details of the supplier of the safety data sheet**
Company Identification Bio8 Ltd Ltd
Unit 8 Markham Vale Environment Centre
Markham lane
Chesterfield
Derbyshire,
S44 5HY

Telephone +44 (0)1246 240880
Fax +44 (0)1246 240880
E-Mail (competent person) andrew@bio8.co.uk
- 1.4 Emergency telephone number**
Emergency Phone No. +44 (0)1246 240880
Monday - Friday 09:00 – 17:00 (GMT)
Languages spoken English

2. SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**
- 2.1.1 Regulation (EC) No. 1272/2008 (CLP)** Skin Irrit. 2; H315
Eye Dam. 1; H318
- 2.1.2 Directive 67/548/EEC & Directive 1999/45/EC** Xi; R38: Irritating to skin.
Xi; R41: Risk of serious damage to eyes.
- 2.2 Label elements**
Product Name According to Regulation (EC) No. 1272/2008 (CLP)
Bio8 Uri 3475
Contains: Alkylbenzene Sulphonate

Hazard Pictogram(s) 
- Signal Word(s) Danger
- Contains Contains 2-(4-tert-butylbenzyl propionaldehyde), HEXYL CINNAMIC ALDEHYDE, SPEARMINT OIL CHINESE 60% B/N:4889I.
- Hazard Statement(s) H315: Causes skin irritation.

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H318: Causes serious eye damage.

Precautionary Statement(s)

P102: Keep out of reach of children.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352: IF ON SKIN: Wash with plenty of water.
P332+P313: If skin irritation occurs: Get medical advice/attention.

2.3 Other hazards

EUH208 : May cause an allergic reaction.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances Not applicable - Substances in preparations / mixtures

3.2 Mixtures

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

Chemical identity of the substance	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard Statement(s)
Alkyl benzene sulphonate	< 20	68411-30-3	270-115-0	None assigned	Acute Tox. 4; H302 (SCL >65%) Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 3; H412
Fresh Block Fragrance	3%	Mixture	Mixture	None assigned	Not classified.

Includes several non-classified substances.

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

Chemical identity of the substance	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard Statement(s)
Alkyl benzene sulphonate	< 20	68411-30-3	270-115-0	None assigned	Xn; R22: Harmful if swallowed. Xi; R38: Irritating to skin. Xi; R41: Risk of serious damage to eyes. R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Fresh block Fragrance	3%	Mixture	Mixture	None assigned	Not classified

Includes several non-classified substances.

Allergenic Fragrances included at > 0.01%-0.1% (are below the threshold for classification according to Regulation (EC) No. 1272/2008 (CLP).

Allergens >0.1% must be included on the label.

Chemical identity of the substance	%W/W	CAS No.	EC No.
SPEARMINT OIL CHINESE 60% B/N:4889	0.15-0.75	84696-51-5	-
HEXYL CINNAMIC ALDEHYDE,	0.15-0.75	101-86-0	-
2-(4-tert-butylbenzyl propionaldehyde),	0.04-0.2%	80-54-6	-

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4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation

IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact

IF ON SKIN: After contact with skin, wash immediately with plenty of water. Remove contaminated clothing and wash clothing before reuse. If irritation develops and persists, get medical attention.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Ingestion

Do not induce vomiting. Immediately call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye damage. Causes skin irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media

Extinguish with carbon dioxide, dry chemical, foam or waterspray.

Unsuitable extinguishing Media

Do not use water jet. Direct water jet may spread the fire.

5.2 Special hazards arising from the substance or mixture

Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide, Nitrogen oxides, Sulphur oxides.

5.3 Advice for fire-fighters

Fight fire with normal precautions from a reasonable distance. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep containers cool by spraying with water if exposed to fire. Avoid release to the environment.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure suitable personal protection during removal of spillages. Avoid contact with skin and eyes.

6.2 Environmental precautions

No issue in the drains, sewers or watercourses.

6.3 Methods and material for containment and cleaning up

Clean up contamination/spills as soon as they occur. Collect as much as possible in a suitable clean container, preferably for re-use, otherwise for disposal.

6.4 Reference to other sections

See Section: 8,13

7. SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Good hygiene practices and housekeeping measures. Wear protective gloves/eye protection. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature

Keep in a cool, well ventilated place. Keep container tightly closed and dry.

Storage life

Keep out of reach of children.

Incompatible materials

Do not allow material to freeze.

Stable under normal conditions.

None known.

7.3 Specific end use(s)

See Section: 1.2

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8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1	Control parameters	
8.1.1	Occupational Exposure Limits	Not established.
8.1.2	Biological limit value	Not established.
8.1.3	PNECs and DNELs	Not established.
8.2	Exposure controls	
8.2.1	Appropriate engineering controls	Ensure adequate ventilation.
8.2.2	Individual protection measures, such as personal protective equipment (PPE)	Good hygiene practices and housekeeping measures. Avoid contact with skin and eyes.
	Eye/face protection	Wear goggles giving complete protection to eyes to protect against liquid splashes (EN166).
		
	Skin protection	Avoid prolonged skin contact. Recommended: Wear impervious gloves (EN374). Breakthrough time of the glove material: refer to the information provided by the gloves' producer. Recommended: Butyl rubber
		
	Respiratory protection	Respiratory protection is not necessary if room is well ventilated. In case of inadequate ventilation wear respiratory protection.
		
	Thermal hazards	No specific measures identified.
8.2.3	Environmental Exposure Controls	Avoid release to the environment.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical properties	
	Appearance	Coloured waxy solid (Green)
	Odour	Mint Fragrance
	Odour Threshold	Not established.
	pH	6-8 (1% solution @ 20 °C)
	Melting Point/Freezing Point	Not established.
	Initial boiling point and boiling range	Not established.
	Flash point	Not established.
	Evaporation Rate	Not available.
	Flammability (solid, gas)	Not established.
	Upper/lower flammability or explosive limits	Not applicable
	Vapour pressure	Not established.
	Vapour density	Not established.
	Relative density	Not available.
	Solubility(ies)	Soluble in water.
	Partition coefficient: n-octanol/water	Not established.
	Auto-ignition temperature	Not established.
	Decomposition Temperature	Not determined.
	Viscosity	Not established.
	Explosive properties	Not explosive.
	Oxidising properties	Not oxidising.

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9.2 Other information None known.

10. SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity	Stable under normal conditions.
10.2	Chemical stability	Stable under normal conditions.
10.3	Possibility of hazardous reactions	None known.
10.4	Conditions to avoid	Temperature: < 4°C, or: > 32°C
10.5	Incompatible materials	None known.
10.6	Hazardous decomposition product(s)	Carbon monoxide, Carbon dioxide, Nitrogen oxides, Sulphur oxides.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects (Substances in preparations / mixtures)	
	Acute toxicity	Not classified.
	Ingestion	Not classified.
	Inhalation	Not classified.
	Skin Contact	Not classified.
	Skin corrosion/irritation	Skin Irrit. 2; H315: Causes skin irritation.
	Serious eye damage/irritation	Eye Dam. 1; H318: Causes serious eye damage.
	Respiratory or skin sensitization	Not classified.
	Germ cell mutagenicity	Not classified.
	Carcinogenicity	Not classified.
	Reproductive toxicity	Not classified.
	STOT - single exposure	Not classified.
	STOT - repeated exposure	Not classified.
	Aspiration hazard	Not classified.
11.2	Other information	None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	None.
12.2	Persistence and degradability	Not persistent. The mixture is expected to biodegrade rapidly and complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.
12.3	Bioaccumulative potential	The product has low potential for bioaccumulation.
12.4	Mobility in soil	The product is predicted to have high mobility in soil. Soluble in water.
12.5	Results of PBT and VPVB assessment	Not classified as PBT or vPvB.
12.6	Other adverse effects	None known.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Disposal should be in accordance with local, state or national legislation.
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14. SECTION 14: TRANSPORT INFORMATION

	ADR/RID	IMDG	IATA/ICAO
14.1	UN number	None assigned.	None assigned.
14.2	Proper Shipping Name	None assigned.	None assigned.
14.3	Transport hazard class(es)	Not classified.	Not classified.
14.4	Packing group	Not classified.	Not classified.
14.5	Environmental hazards	Not classified	Not classified as a Marine Pollutant.

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- 14.6 Special precautions for user See Section: 2
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code No information available. No information available. No information available.

15. SECTION 15: REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
15.1.1 EU regulations Authorisations and/or Restrictions On Use None.
15.1.2 National regulations None known.
15.2 Chemical Safety Assessment None.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

References:

Safety Data Sheets for ingoing ingredients. Existing ECHA registration(s) for Ufaryl (CAS No.68411-30-3).

Individual classification of substances provided by external toxicological consultants.

EU Classification: This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 453/2010.

Classification of the substance or mixture According to Regulation (EC) No. 1272/2008 (CLP)	Classification Procedure
Skin Irrit. 2; H315	Threshold Calculation
Eye Dam. 1; H318	Threshold Calculation

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	PBT: Persistent, Bioaccumulative and Toxic
vPvB	vPvT: very Persistent and very Toxic

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

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