

our safety data sheet for...

bio washroom cleaner



1. Identification of the substance/mixture & of the company/undertaking

1.1 Product Identifier

Product Name: **Bio Washroom Cleaner**
Product Code: BWC050DEL01C (concentrate)

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture: Hard surface cleaner.
Recommended restrictions on use: We do not have information on restrictions. They will be included when available.

1.3 Details of the supplier of the safety data sheet

Company: Delphis Eco, Unit 1, River Reach, Gartons Way, London SW11 3SX

1.4 Emergency telephone number

Emergency phone number: t. 0203 397 0096 (office hours only) f. 0870 974 7219 e. sales@delphiseco.com

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification under CLP: Eye Dam. 1: H318; Skin Sens. 1: H317
Most important adverse effects: May cause an allergic skin reaction. Causes serious eye damage.

2.2 Label Elements

Label elements:
Hazard statements: H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
Signal words: Danger
Hazard pictograms: GHS05: Corrosion
GHS07: Exclamation mark
Precautionary statements: P362+364: Take off contaminated clothing and wash it before reuse.
P280: Wear protective gloves and eye protection.
P302+350: IF ON SKIN: Gently wash with plenty of soap and water.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER/doctor/physician.



2.3 Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

3. Composition/Information on Ingredients

3.2 Mixtures

Ingredient Name	EINECS	CAS	CLP Classification	Percent
ALCOHOLS C9-C11, ETHOXYLATED	-	68439-46-3	Acute Tox. 4: H302; Eye Dam. 1: H318	1-5%
1,2-BENZISOTHIAZOLIN-3-ONE	220-120-9	2634-33-5	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318; Skin Sens. 1: H317; Aquatic Acute 1: H400	0.1-1%

Contains: 1,2-BENZISOTHIAZOLIN-3-ONE; ALCOHOLS C9-C11 ETHOXYLATED

4. First Aid Measures

4.1 Description of first aid measures

Eye contact: Avoid contact with eyes, if product gets into eyes, rinse with water.
Skin contact: Avoid contact with skin, if product gets onto skin wash with water and remove contaminated clothing.
Ingestion: Do not drink, if swallowed drinking water may be beneficial, do not induce vomiting.
Inhalation: Avoid inhaling product, move to fresh air if in discomfort.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be irritation and redness. There may be pain and redness. The eyes may water profusely. May cause permanent damage.



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Ingestion: There may be soreness and redness of the mouth and throat.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.
Delayed effects: Immediate effects can be expected after short-term exposure.

4.3 Indication of immediate medical attention and special treatment needed
Immediate / special treatment: Not applicable.

5. Fire Fighting Measures

5.1 Extinguishing Media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

Exposure hazards: Not applicable.

5.3 Advice for fire fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2 Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3 Methods and materials for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

7. Handling and Storage

7.1 Precautions for safe handling

Handling requirements: Not applicable.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3 Specific end uses

Specific end use(s): No data available.

8. Exposure Controls/Personal Protection

8.1 Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values: Hazardous ingredients:

1,2-BENZISOTHIAZOLIN-3-ONE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (developmental tox)	111	Consumers	Systemic

8.2 Exposure controls

Engineering measures: Not applicable.

Respiratory protection: Not normally required. However, inhalation of vapour or spray should be avoided.

Hand protection: Wear protective gloves.

Eye protection: Wear safety glasses with side-shields. Ensure eye bath is to hand.

Skin protection: Wear protective clothing.



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9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

State: Liquid
Colour: Blue
Odour: Pleasant
Evaporation rate: No data available
Oxidising: No data available
Solubility in water: Soluble
Viscosity: No data available.
Boiling point/range°C: No data available
Flammability limits %: lower: No data available
Flash point°C: No data available
Autoflammability°C: No data available
Relative density: 1.02 g/cm³
VOC g/l: No data available
Melting point/range°C:
upper: No data available
Part.coeff. n-octanol/water: No data available
Vapour pressure: No data available
pH: 6.0 - 8.0

9.2 Other Information

Other information: No data available

10. Stability and Reactivity

10.1 Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2 Chemical Stability

Chemical stability: Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4 Conditions to Avoid

Conditions to avoid: Heat.

10.5 Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6 Hazardous decomposition products

Haz. decomp. products: No data available.

11. Toxicological Information

11.1 Information on toxicological effects

Hazardous ingredients:

1,2-BENZISOTHIAZOLIN-3-ONE

ORL	MUS	LD50	1150 mg/kg
ORL	RAT	LD50	1020 mg/kg

Relevant effects for mixture:

Effect	Route	Basis
Sensitisation	DRM	Hazardous: calculated

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. There may be pain and redness. The eyes may water profusely. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed effects: Immediate effects can be expected after short-term exposure.



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12. Ecological Information

12.1 Toxicity

Ecotoxicity values: No data available.

12.2 Persistence and Degradability

Persistence and degradability: Biodegradable.

12.3 Bio-accumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4 Mobility in soil

Mobility: Readily absorbed into soil.

12.5 Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6 Other adverse effects

Other adverse effects: No data available.

13. Disposal Recommendations

13.1 Waste treatment methods

Disposal operations: Small amounts of unwanted product may be flushed with water to sewer.

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. Transport Information

Transport class: This product does not require a classification for transport.

15. Regulatory Information

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

15.2 Chemical safety assessment

16. Other Information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010. * indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3:

H302: Harmful if swallowed.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H400: Very toxic to aquatic life.

Training Advice: Normal use of this product shall imply use in accordance with the instructions on the packaging. Users should be trained in good industrial hygiene practise. This data sheet does not constitute an assessment of the workplace risks as required under the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health (COSHH). Do not mix with other chemicals.

Date: 01.06.15

Legal Disclaimer: The information supplied above is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

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