

Safety Data Sheet

Biosolve Drain Solution

1. Identification

Trade name of product : Biosolve Drain Solution
Other Shipping Name : None Allocated
Supplier Address : Biosolve Environmental(Aust)Pty Ltd
 6/381 Thompson Road, North Geelong,
 Victoria 3215 Australia
Supplier Contact Details : Phone: 03 5277 0117, Fax: 03 5277 3689
Emergency telephone number : 0458 045 812
Material uses : Biological Drain unblocker
Date of issue : 18 July 2019

2. Hazards identification

Classified as **NON-DANGEROUS GOODS** by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

This material is **NOT HAZARDOUS** according to Safe Work Australia's GHS Criteria.

3. Composition/information on ingredients

Ingredient name	CAS number	Proportion %	TWA mg/m ³	STEL mg / m ³
None Allocated	None Allocated	None Allocated	None Allocated	None Allocated

Ingredients, determined not to be hazardous according to Safe Work Australia criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.

4. First-aid measures

Eye contact : Rinse with plenty of running water. Seek medical advice if symptoms occur.
Skin contact : Remove contaminated clothing (wash before re-use). Then rinse with plenty of running water. Seek medical advice if symptoms occur.
Inhalation : Remove to fresh air. Seek medical advice if symptoms occur.
Ingestion : Do NOT induce vomiting. Rinse mouth. Give water to drink. Seek medical advice if symptoms occur.
Notes to physician : Treat Symptomatically.

5. Fire-fighting measures

Extinguishing media : Use an extinguisher agent suitable for the surrounding fire.
Specific Hazards arising : No specific Hazard.

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- from the chemical**
- Special protective equipment and precautions for fire-fighters** : No information available.
- Hazchem Code** : No Hazchem Code applicable.

6. Accidental release measures

- Personal precautions** : Use PPE when handling any spills, including gloves, safety glasses and appropriate footwear.
- Environmental precautions** : Contain spill using appropriate bunding or capping.
- Methods for cleaning up** : Spills may be slippery. Small spills use mop and bucket, for larger spills contain with absorbent material, collect and dispose.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

- Handling** : Use clean dispensing equipment, Use appropriate PPE, Always add product to water when diluting.
- Storage** : Keep container upright and cool and dry. Ensure good housekeeping in storage area.

8. Exposure controls/personal protection

- Occupational exposure limits** : No information available
- Engineering measures** : Use sensible work practices that reduce operator exposure to the product.
Ensure that adequate ventilation is provided, and air is moving constantly in the area of use while drum is open. Avoid direct inhalation of mists. Keep containers closed when not in use.
- Personal Protection** : **No PPE required under normal use. However, the following PPE may be considered to reduce risk of exposure.**
- Eyes** : Safety Glasses.
- Hands** : Gloves should be used for instances of prolonged contact.
- Respiratory** : Respiratory protection should be used if there is a risk of exposure to high vapour concentrations. Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.
- Skin** : Long sleeve shirt and trousers may be considered to reduce risk of chemical contact.

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9. Physical and chemical properties

Physical state	: Liquid
Colour	: Green
Odour	: Lemon
pH	: 7.0-8.0
Flash point (°C)	: NA
Boiling point (°C)	: >100
Specific Gravity (g/ml @ 25°C)	: 0.99-1.01
Solubility	: Completely soluble in water.

10. Stability and reactivity

Reactivity	: No reactivity known.
Stability	: Stable under normal storage conditions.
Possibility of Hazardous Reactions	: None listed.
Conditions to avoid	: None listed.
Incompatible Materials	: None listed.

11. Toxicological information

Potential health effects

Ingestion	: May irritate intestinal tract and mouth causing minor discomfort.
Skin	: No known significant effects.
Eye	: May cause slight irritation, reddening of eyes.
Inhalation:	: Inhalation of vapour may cause irritation to the respiratory tract and nasal passages.
Chronic	: Prolonged contact with concentrated product may cause dermatitis and defatting of skin.

12. Ecological information

Ecotoxicity data

Persistence/degradability	: No known significant effects.
Mobility in Soil	: No known significant effects.
Other adverse effects	: No known significant effects.

13. Disposal considerations

Methods of disposal	: Containers should be emptied as completely as practical before disposal. If possible, recycle containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site.
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14. Transport information

Regulation	UN Number	Proper shipping name	Classes	Packing group	Additional information
ADG	None Allocated	None Allocated	None Allocated	None Allocated	None Allocated

15. Regulatory information

Hazard Category : None Allocated.
Poisons Schedule : None Allocated.
AICS (Australia) : All ingredients listed.

16. Other information

Abbreviations and Acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
 AICS: Australian Inventory of Chemical Substances.
 CAS: Chemical Abstracts Service (division of the American Chemical Society).
 GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
 HCIS: Hazardous Chemical Information System.
 IARC: International Agency for Research on Cancer.
 IATA: International Air Transport Association.
 IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
 IMDG: International Maritime Code for Dangerous Goods.
 INCI: International Nomenclature of Cosmetic Ingredients.
 LC50: Lethal concentration, for 50 percent of test population.
 LD50: Lethal dose, for 50 percent of test population.
 SDS: Safety Data Sheet.
 STE: Short-term exposure.
 STEL: Short Term Exposure limit.
 STOT: Specific Target Organ Toxicity.
 SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons.
 SWA: Safe Work Australia TLV: Threshold Limiting Value.
 TWA: Time Weighted Average 8 hour day.

Literature References:

Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice (Safe Work Australia)
 GHS Hazardous Chemical Information List (Safe Work Australia)
 Guidance on the Classification of Hazardous Chemicals under the WHS Regulations. (Safe Work Australia)
 Global Harmonized System of Classification and Labelling of Chemicals (GHS).
 Raw material supplier SDS

Reason for revision: Regular review
Replaces SDS dated: October 2015
Prepared by: Australian Chemical Services Pty Ltd (0411 863 178)

This Safety Data Sheet is the first issue under the direction of the PREPARATION OF SAFETY DATA SHEETS FOR HAZARDOUS CHEMICALS of May 2018. The information sourced for the preparation of this document was correct and complete at the time or writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

END OF SAFETY DATA SHEET