

Safety Data Sheet

Biosolve Royal Flush Toilet & Commode Fluid

1. Identification

Trade name of product : Biosolve Royal Flush Toilet & Commode Fluid
 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 : 0458 045 812
 number
 Material uses : Portable toilet odour preventor
 Date of issue : 26 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 **HAZARDOUS** according to Safe Work Australia's GHS Criteria.

GHS Hazard Categories	Serious eye damage – Category 1
Label elements	
GHS pictograms	Corrosion
Signal word	DANGER
Hazard statement(s)	
	Causes serious eye damage.
Precautionary statement(s): General	
	Keep out of reach of children. In emergencies call 000.
Precautionary statement(s): Prevention	
	Wash hands thoroughly after handling. Wear protective gloves and eye / face protection.
Precautionary statement(s): Response	
	IF ON SKIN: Wash with plenty of soap and water. Specific treatment (see section 4 of this SDS). If skin irritation occurs: Get medical advice. Take off contaminated clothing and wash before reuse. 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 CENTRE or doctor.
Precautionary statement(s): Storage	
	Store in accordance with local regulatory requirements.
Precautionary statement(s): Disposal	
	Dispose of contents/container in accordance with local regulations

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Note	
IMPORTANT	This SDS and the hazard classifications contained therein, only apply to the product in its concentrated form, as supplied. Good hygiene practices should be adhered to.

3. Composition/information on ingredients

Ingredient name	CAS number	Proportion %	TWA mg/m ³	STEL mg / m ³
Alcohols C12-14 (7-7.5 EO)	68439-50-9	5-10%	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 from the chemical	: No specific hazard.
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.

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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 concentration. 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.

9. Physical and chemical properties

- Physical state** : Liquid
- Colour** : Clear
- Odour** : Fruity
- pH** : 7.0-8.0
- Flash point (°C)** : NA
- Boiling point (°C)** : NA
- Specific Gravity (g/ml @ 25°C)** : 1.03-1.05
- Solubility** : Completely soluble in water

10. Stability and reactivity

Reactivity : No reactivity known

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Stability : Stable under normal storage conditions
Possibility of Hazardous : None listed
Reactions
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 : May cause skin irritation.
Eye : May cause serious eye damage, reddening of eyes. Possible permanent damage.
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 : Harmful to aquatic life with long lasting 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.

14. Transport information

Regulation	UN Number	Proper shipping name	Class	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

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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 Labelling 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:	January 2017
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