

Biosol BRX 2DE

Based on available information, **not classified as hazardous according to criteria of NOHSC**. Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name Biosol BRX 2DE

Supplier Name Biosol[®] Environmental Revegetation Technology Pty Ltd

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Product Description Additive for wastewater To be used for wastewater treatment, specifically sewage, in doses normally below 20 mg/l unless advised otherwise.

Components Confidential Organic

Risk Phrases R 36/37/38, R43, R66

Non Hazardous Organic Extracts

3 HAZARD IDENTIFICATION

Poisons Schedule None allocated

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4. FIRST AID MEASURES

Inhalation: Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm.

Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact: If skin contact occurs, remove contaminated clothing and wash skin with running water. If irritation occurs seek medical advice.

Eye Contact: If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice.

Notes to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Specific Hazards: Non-combustible material.

Fire-fighting advice: Not combustible, however following evaporation of the water component of the material, the residual material can burn if ignited. On burning will emit toxic fumes, including those of oxides of carbon. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

Suitable Extinguishing Media: Not combustible, however, if material is involved in a fire use: Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

6. ACCIDENTAL RELEASE MEASURES

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways.

Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

Wash area down with water.

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7. HANDLING AND STORAGE

Handling advice: Avoid skin and eye contact and breathing in vapour, mists and aerosols.
Storage advice: Store in a cool, dry, well ventilated place and out of direct sunlight. Keep containers closed when not in use - check regularly for leaks.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

No value assigned for this specific material by the National Occupational Health and Safety Commission.

Engineering Control Measures:

Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

Personal Protective Equipment:

Biosol recommend the use of:

- OVERALLS,
- SAFETY SHOES,
- SAFETY GLASSES,
- GLOVES.

Wear overalls, safety glasses and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet. If risk of inhalation exists, wear suitable mist respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Redish Brown to Beige
Odour:	Organic
Solubility:	Soluble in water.
Specific Gravity:	1.05 @ 20°C
Relative Vapour Density (air=1):	Not available
Vapour Pressure (20 °C):	Not available
Flash Point (°C):	Not applicable
Flammability Limits (%):	Not applicable
Autoignition Temperature (°C):	Not available
Boiling Point/Range (°C):	Not available
pH:	Not available

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10. STABILITY AND REACTIVITY

Stability: No information available.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

- Ingestion:** Swallowing may result in irritation of the gastrointestinal tract.
- Eye contact:** A mild eye irritant.
- Skin contact:** Contact with skin may result in irritation.
- Inhalation:** Breathing in mists or aerosols may produce respiratory irritation.

Long Term Effects:

No information available for the product.

Toxicological Data:

No LD50 data available for the product.

- Oral LD50 (rat): No Data available
- SKIN: No Data available.
- EYES: No Data available

12. ECOTOXICOLOGICAL INFORMATION

None

13. DISPOSAL CONSIDERATIONS

Preferably empty remaining contents to sewer. Rinse drum with clean water and dispose to sewer. Otherwise refer to Waste Management Authority. Dispose of material through a licensed waste contractor.

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14. TRANSPORT INFORMATION

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by:

Road and Rail.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by:

Sea.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

Classification: Based on available information, not classified as hazardous according to criteria of NOHSC.

Poisons Schedule: None allocated.

16. OTHER INFORMATION

Supplier Material Safety Data Sheet; 10/ 2008.

This material safety data sheet has been prepared by Biosol

Reason(s) for Issue: Revised Primary MSDS

Change in Hazardous Substance Classification

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Biosol cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact Biosol at the contact details on page 1.