

SAFETY DATA SHEET**Product name:** XLR8 Bio**Supplier:** Green Food Australia Pty Ltd**1. Identification**

- Intended use: Microbial soil amendment and plant growth aid.
- Emergency phone: 0467 667 000

2. Hazard identification

- GHS classification: Non-hazardous.
- Signal word: None.
- Hazard statements: Not classified as hazardous.

3. Composition / information on ingredients

- Pre-fermented food base (approx. 80%)
- Purified water (approx. 19.7%)
- Syrup / nutrient solution (0.3%)
- Yeast culture (0.03%)
- Live beneficial microbes (various Lactobacillus, Bacillus species)
- Contains natural levels of N, P, K, Ca, Mg, trace elements (see lab analysis).

4. First aid measures

- Eye contact: Rinse with water.
- Skin contact: Wash with soap and water.
- Inhalation: Not expected to be hazardous.
- Ingestion: May cause mild gastrointestinal upset. Rinse mouth and drink water.

5. Fire-fighting measures

- Non-flammable. Use water spray, CO₂, or foam for surrounding fire.

6. Accidental release measures

- Contain spill, dilute with water, dispose to sewer or compost.

7. Handling and storage

- Avoid excessive agitation.
- Store below 30°C in vented containers, away from direct sunlight.
- Do not store in sealed airtight vessels (gas may be produced).

8. Exposure controls / PPE

- Normal hygiene practice. Gloves and eye protection recommended for handling.

9. Physical and chemical properties

- Appearance: Brown liquid
- Odour: Slightly yeasty / fermented / pungent

- pH: 3.1 – 3.8
- Density: ~1.0 g/mL
- Boiling point: ~100°C
- Solubility: Fully miscible in water

10. Stability and reactivity

- Stable under recommended storage.
- Avoid strong oxidising agents.

11. Toxicological information

- Non-toxic. No evidence of harmful effects under normal use.

12. Ecological information

- Non-toxic to soil and water organisms.
- Enhances soil microbial activity.

13. Disposal considerations

- Dispose via sewer, compost, or land application consistent with local regulations.

14. Transport information

- Not classified as dangerous goods.

15. Regulatory information

- Not hazardous according to WHS Regulations.
- APVMA: Exempt.

16. Other information

- Lab test results (ALS 2025): Salmonella not detected; E. coli <10 CFU/100mL; heavy metals within safe limits.
- Prepared: August 2025
- Revision: V2.0