



SAFETY DATA SHEET (SDS)

SDS 01/02
Rev: 02
Date: 10/01/2025
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According to OSHA Hazard Communication Standard (29 CFR 1910.1200) – GHS Format

BIOMICROBES – 08

Manufactured by: Microbac B.V., The Netherlands
Distributed by: Biomicrobes LLC, Las Vegas, NV – USA
www.biomicrobes.com | info@biomicrobes.com +1 (720) 914-3139

1. IDENTIFICATION

Product Name: BIOMICROBES-08

Use: Agricultural biostimulant (non-plant food ingredient)

Manufactured by: Microbac B.V., Microbac BV, Dorsvloerweg 435, 2661 MN Bergschenhoek, The Netherlands - Email: info@microbac.nl
Phone +31 (0)6 17238873

Distributed by: Biomicrobes LLC, 4730 S Fort Apache Rd, Suite 300, Las Vegas, NV 89147
Phone: +1 (720) 914-3139

www.biomicrobes.com | info@biomicrobes.com

2. HAZARD IDENTIFICATION

Classification: Not hazardous per OSHA 29 CFR 1910.1200

Label Elements: No symbol required

Precautionary Statements:

- P102 Keep out of reach of children
- P103 Read label before use
- P270 Do not eat, drink or smoke when using this product
- P280 Wear protective gloves/eye protection
- P305+P351+P338 If in eyes: rinse cautiously with water, remove contact lenses
- P301+P330+P331 If swallowed: rinse mouth. Do not induce vomiting



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3. COMPOSITION / INFORMATION ON INGREDIENTS

Live microbial cultures (non-pathogenic strains), suspended in aqueous solution

- *Bacillus subtilis* – 3×10^9 CFU/mL
- *Bacillus licheniformis* – 3×10^9 CFU/mL
- *Bacillus amyloliquefaciens* – 3×10^9 CFU/mL
- *Priestia megaterium* – 3×10^9 CFU/mL
- *Bacillus pumilus* – 3×10^9 CFU/mL
- *Bacillus laterosporus* – 3×10^9 CFU/mL
- *Bacillus mucilaginosus* – 3×10^9 CFU/mL
- *Paenibacillus polymyxa* – 3×10^9 CFU/mL

Other ingredients:

- Demineralized water: ~95.2%
- Ethanol (natural preservative): ~1.9%

4. FIRST AID MEASURES

- Eye Contact: Rinse with water for several minutes. Seek medical attention if irritation persists.
- Skin Contact: Wash with soap and water.
- Inhalation: Not applicable under normal conditions.
- Ingestion: Rinse mouth. Do not induce vomiting.



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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water spray, foam, dry chemical.

Hazards: May produce CO₂ and CO in case of combustion.

Protection: Use protective gear and avoid inhalation of combustion fumes.

6. ACCIDENTAL RELEASE MEASURES

Contain spill with absorbent materials (sand, sawdust). Avoid discharge into drains or waterways.

7. HANDLING AND STORAGE

- Store in cool, dry place.
- Avoid direct sunlight and freezing.
- Keep container tightly sealed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- No OSHA PEL or ACGIH TLV applicable.
- Eye/skin protection recommended during bulk handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Brown liquid

Odor: Mild fermentation

pH: ~6.5 (estimated)

Density: ~997 kg/m³

Solubility: Fully dispersible in water

Flash Point: Not applicable



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10. STABILITY AND REACTIVITY

Stable under normal conditions. Avoid heat and contamination with incompatible materials.

11. TOXICOLOGICAL INFORMATION

- Not acutely toxic.
- No data indicating carcinogenic, mutagenic or reproductive toxicity.
- Contains non-pathogenic organisms classified as BSL-1.

12. ECOLOGICAL INFORMATION

Biodegradable. No expected adverse environmental effects in normal agricultural use.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state, and local regulations.

14. TRANSPORT INFORMATION

Not classified as hazardous under DOT/IMDG/IATA.

15. REGULATORY INFORMATION

This product meets the requirements for exclusion from EPA pesticide regulation (FIFRA 25b exempt). Not subject to TSCA inventory.

16. OTHER INFORMATION

Prepared: April 2023. Updated for U.S. compliance in October 2025.

This SDS is intended to comply with OSHA GHS formatting and provide accurate guidance for use in agricultural biostimulant applications.