SIGMA AgriScience

SAFETY DATA SHEET

Prepared to OSHA HCS 29 CFR 1910.1200 (GHS)

Sigma Bio

Revision date: October 20, 2026
Supersedes: see Section 16

Section 1 Identification

Product identifier	Sigma Bio
Other means of identification	Sigma Bio liquid inoculant
Recommended use and restrictions	Soil amendment (liquid microbial inoculant). Use only as directed on product label.
Supplier	Sigma AgriScience, LLC · 580 Maxim Dr., Boling, TX 77420
Telephone	+1 (281) 706-8171
Email / website	info@sigma-agri.com · SigmaAgriScience.com
Emergency telephone	+1 (281) 706-8171 · Medical emergency: call 911

Section 2 Hazard(s) identification

Not classified. This product is not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200) and is not a dangerous substance or mixture under the Globally Harmonized System (GHS).

Signal word: **None**

Hazard pictograms / statements: None

Precautionary statements

- None required.

Other hazards not resulting in classification: None known.

Section 3 Composition / information on ingredients

This product does not contain any hazardous ingredients according to OSHA 29 CFR 1910.1200 criteria.

Proprietary bacterial blend (Bacillus spp.)	0.01 – 1.5%
Mycorrhizae / endomycorrhizae	5.0 – 7.0%
Trichoderma	5.0 – 7.0%
Water	Remainder

Section 4 First-aid measures

Eye contact	Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
Skin contact	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control center or doctor for further treatment advice.
Inhalation	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration. Call a poison control center or doctor for further treatment advice.
Ingestion	Call a poison control center or doctor immediately for treatment advice.

Section 5 Fire-fighting measures

Flash point	Not applicable.
Extinguishing media	Use extinguishing measures appropriate to local circumstances and the surrounding environment.
Procedures	Use water spray to keep fire-exposed containers cool. Fight fire from a protected location or maximum possible distance. Dike area to prevent water runoff. Firefighters should wear self-contained breathing apparatus and protective clothing.
Unusual fire hazards	None.

Section 6 Accidental release measures

Personal precautions	Wear personal protective equipment.
Environmental precautions	Keep people and animals away from and upwind of spill or leak.
Containment	Prevent further leakage or spillage if safe to do so.
Cleanup	Pick up and transfer to properly labeled containers.

Section 7 Handling and storage

Safe handling	Handle in accordance with good industrial hygiene and safety practice. Do not contaminate water, food or feed by storage or disposal.
Safe storage	Keep away from open flames, hot surfaces and sources of ignition. Keep in a dry, cool, well-ventilated place. Keep out of reach of children and animals. Store only in original container.

Section 8 Exposure controls / personal protection

Occupational exposure limits	None established (OSHA PEL / ACGIH TLV: N/A).
Engineering controls	Use only in adequately ventilated areas.
Eye protection	Chemical safety glasses, goggles or a face shield.
Respiratory protection	For splash, mist or spray exposures, wear a filtering mask.
Skin protection	Chemical-resistant gloves, long pants, long-sleeved shirt, shoes and socks. Remove and wash contaminated clothing before reuse; wash separately from other laundry.
Hygiene	Keep clean water available for flushing skin and eyes. Avoid breathing spray mist. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Section 9 Physical and chemical properties

Appearance	Amber liquid
Odor	Characteristic fermentation odor
Flash point	Not applicable
pH, specific gravity, solubility and other properties	No information available

Section 10 Stability and reactivity

Chemical stability	Stable under recommended storage conditions.
Incompatibility	None known.
Decomposition products	None known.

Hazardous polymerization	Does not occur.

Section 11 Toxicological information

Ingestion	Non-toxic natural bacteria.
Skin contact	May cause minor irritation.
Eye contact	May cause minor irritation.
Inhalation	May cause minor irritation.
Sensitization	No information available.
Carcinogenicity	Not carcinogenic.

Section 12 Ecological information

Aquatic, avian, invertebrates, algae, bees	No information available.
Degradability	Readily biodegradable.

Section 13 Disposal considerations

Wastes from this product that cannot be used or reprocessed should be disposed of in accordance with applicable federal, state or local procedures. Containers: observe state and local regulations.

Section 14 Transport information

DOT (ground)	Not regulated
IATA (air)	Not regulated
IMDG (sea)	Not regulated
UN number / shipping name	Not regulated

Section 15 Regulatory information

SARA 313	Contains no chemicals subject to SARA Title III Section 313 reporting (40 CFR 372).
SARA 311/312	Acute health: No · Chronic health: No · Fire: No · Pressure: No · Reactive: No
Clean Water Act	Contains no substances regulated as pollutants (40 CFR 122.21, 122.42).
CERCLA	Contains no substances regulated as hazardous under CERCLA (40 CFR 302) or SARA (40 CFR 355).
California Prop 65	This product does not contain any Proposition 65 chemicals.

Section 16 Other information

Revision date	October 20, 2026
Revision note	Re-issued in the uniform Sigma AgriScience SDS format. Supplier address and contact details updated. Hazard classification and safety content carried over from the superseded SDS.
Supersedes	Sigma Bio SDS, rev. Jan 5 2017 (older format).
Ratings	Not rated on the source SDS.

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