SIGMA AgriScience

SAFETY DATA SHEET

Prepared to OSHA HCS 29 CFR 1910.1200 (GHS)

Sigma 8-5-1 Bio

Revision date: October 25, 2026
Supersedes: see Section 16

Section 1 Identification

Product identifier	Sigma 8-5-1 Bio
Other means of identification	8-5-1 Bio
Recommended use and restrictions	Organic granular fertilizer. Fertilizer use only.
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.

Composition	Organic granular fertilizer derived from meat and bone meal, with humic acids and a microbial package (Bacillus spp., endomycorrhizal fungi, Trichoderma spp.).
Guaranteed analysis	See product label.

Section 4 First-aid measures

Inhalation	If inhaled, remove to fresh air. Get medical attention if you feel unwell.
Eye contact	Rinse with plenty of running water. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Skin contact	Wash with soap and water. Get medical attention if irritation develops.
Ingestion	Wash out mouth with water. If the person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if adverse health effects persist or are severe.
Most important symptoms and effects	No known significant effects or critical hazards.
Notes to physician	Treat symptomatically. Contact a poison treatment specialist if large quantities have been ingested.

Section 5 Fire-fighting measures

Suitable extinguishing media	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	None identified.

Special hazards	No specific fire or explosion hazard.
Firefighter precautions	If possible, prevent runoff water from entering storm drains or bodies of water.

Section 6 Accidental release measures

Personal precautions	Sweep up or collect, and reuse as product. If contaminated with other materials, collect in suitable containers.
Environmental precautions	Avoid dispersal of spilled material and runoff and contact with waterways, drains and sewers.
Containment and cleanup	Contaminated material can generally be disposed of in an approved disposal facility, in accordance with applicable federal, state and local regulations.

Section 7 Handling and storage

Safe handling	Handle in accordance with good industrial hygiene. Wash hands after handling.
Safe storage	Store in a cool, dry place out of reach of children and pets. Avoid prolonged exposure to direct sunlight.

Section 8 Exposure controls / personal protection

Occupational exposure limits	None established.
Engineering controls	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Personal protection	Gloves and safety glasses are recommended when handling product. A dust mask is recommended in dusty conditions.

Section 9 Physical and chemical properties

Appearance	Dark brown, solid granules
Odor	Mild organic / earthy
Water solubility	Slightly soluble
pH, flash point, density and other properties	No data available

Section 10 Stability and reactivity

Reactivity	Non-reactive.
Chemical stability	Stable.
Hazardous reactions	None known.
Conditions to avoid	None.
Incompatible materials	None.
Hazardous decomposition products	None.

Section 11 Toxicological information

Likely routes of exposure	Skin, eyes, ingestion.
Acute toxicity	No data available.
Sensitization / carcinogenicity	No data available.

Section 12 Ecological information

Ecotoxicity	No known significant effects or critical hazards.

Persistence and degradability	Readily biodegradable.
Mobility in soil	No data available.

Section 13 Disposal considerations

Avoid or minimize waste wherever possible. Dispose of this product and any by-products in accordance with federal, state and local regulations. Empty bags may retain some product residue.

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

U.S. federal	Not regulated as a hazardous chemical under OSHA HCS. No SARA 313 or CERCLA reportable components.
State regulations	This product does not contain any California Proposition 65 chemicals.

Section 16 Other information

Revision date	October 25, 2026
Revision note	First issue in the uniform Sigma AgriScience SDS format.
Supersedes	No previous SDS for this product.
Ratings	NFPA: Health 0 · Flammability 0 · Reactivity 0. HMIS: Health 0 · Flammability 0 · Physical 0.

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