Sigma 15-5-10 Bio BRIDGE

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

Section 1 Identification

Product identifier	Sigma 15-5-10 Bio BRIDGE
Other means of identification	15-5-10 Bio BRIDGE
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

Skin irritation, Category 2 · Eye irritation, Category 2A · Specific target organ toxicity, single exposure (respiratory irritation), Category 3 · Acute toxicity (oral), Category 4.



Signal word: **Warning**

Hazard statements

- H302 – Harmful if swallowed.
- H315 – Causes skin irritation.
- H319 – Causes serious eye irritation.
- H335 – May cause respiratory irritation.

Precautionary statements

- P264 – Wash hands thoroughly after handling.
- P270 – Do not eat, drink or smoke when using this product.
- P280 – Wear eye protection, face protection, protective clothing, protective gloves.
- P301+P312 – IF SWALLOWED: Call a doctor if you feel unwell.
- P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P330 – If swallowed, rinse mouth.
- P337+P313 – If eye irritation persists: Get medical advice/attention.
- P501 – Dispose of contents/container according to local and regional regulations.

Other hazards not resulting in classification: None.

Section 3 Composition / information on ingredients

This product contains hazardous ingredients according to OSHA 29 CFR 1910.1200 criteria that exceed cut-off values for classification.

Ammonium sulfate · CAS 7783-20-2	27 – 39%
Iron oxide · CAS 1309-37-1	1 – 3%

Section 4 First-aid measures

Inhalation	If inhaled, remove to fresh air. In case of inhalation of decomposition products in a fire, symptoms may be delayed. Get medical attention if you feel unwell. The exposed person may need to be kept under medical surveillance for 48 hours.

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 material has been swallowed and the exposed 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.

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 for this product.
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	Dark, solid granules
Odor	Mild organic / earthy
Other properties	No data 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, skin, eye	No data available. May cause irritation.
Inhalation	No data available.
Sensitization / carcinogenicity	No data available.

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).
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 15-5-10 Bio BRIDGE SDS, rev. August 2023 (older format, old address and emergency line 979-657-2893).
Ratings	Not rated on the source SDS.

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