SIGMA AgriScience

SAFETY DATA SHEET

Prepared to OSHA HCS 29 CFR 1910.1200 (GHS)

Sigma Microalgae

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

Section 1 Identification

Product identifier	Sigma Microalgae
Other means of identification	Microalgae
Recommended use and restrictions	Soil amendment.
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

Classified under 29 CFR 1910.1200 (OSHA HCS): Skin irritation, Category 2 · Eye irritation, Category 2B · Acute toxicity (oral), Category 4.



Signal word: **Warning**

Hazard statements

- H315 – Causes skin irritation.
- H320 – Causes eye irritation.
- H302 – Harmful if swallowed.

Precautionary statements

- P264 – Wash hands thoroughly after handling.
- P270 – Do not eat, drink or smoke when using this product.
- P280 – Wear protective gloves / protective clothing / eye protection / face protection.
- P302+P352 – IF ON SKIN: Wash with plenty of water.
- P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P301+P317 – IF SWALLOWED: Get medical help.
- P304+P312 – IF INHALED: Call a poison center or doctor if you feel unwell.
- P332+P317 – If skin irritation occurs: Get medical help.
- P337+P317 – If eye irritation persists: Get medical help.
- P362+P364 – Take off contaminated clothing and wash it before reuse.

Other hazards not resulting in classification: None known.

Section 3 Composition / information on ingredients

Mixture.

Water · CAS 7732-18-5	89.5%
Organic matter (microalgae) · CAS N/A	9.0%
Phosphoric acid · CAS 7664-38-2	1.5%

Section 4 First-aid measures

Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do; continue rinsing. If eye irritation persists, get medical attention.
Skin contact	Wash with plenty of water. Take off contaminated clothing and wash before reuse. If skin irritation occurs, get medical attention.
Inhalation	Move person to fresh air. Call a poison center or doctor if you feel unwell. If not breathing, call 911 and give artificial respiration.
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. 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.
Safe storage	Store upright in a dry, cool, well-ventilated place. Keep container closed when not in use. Do not store with strong acids or oxidizers. Keep out of reach of children and animals. Store only in original container.

Section 8 Exposure controls / personal protection

Exposure limits: phosphoric acid	ACGIH TLV: TWA 1 mg/m³, STEL 3 mg/m³ · NIOSH REL: TWA 1 mg/m³, ST 3 mg/m³ · OSHA PEL: TWA 1 mg/m³ · Cal/OSHA PEL 1 mg/m³, STEL 3 mg/m³
Engineering controls	Use only in adequately ventilated areas.
Eye protection	Chemical safety glasses, goggles or a face shield.
Respiratory protection	Use a NIOSH/MSHA-approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
Skin protection	Neoprene, butyl or nitrile rubber gloves and protective clothing. Remove and wash contaminated clothing before reuse.
Hygiene	Keep clean water available for flushing skin and eyes. Avoid breathing spray mist. Wash thoroughly after handling.

Section 9 Physical and chemical properties

Appearance	Green liquid

Odor	Marine
pH	3 – 4
Freezing point	Approx. 32 °F (0 °C)
Boiling point	Approx. 212 °F (100 °C)
Solubility	Water soluble
Other properties	No data available

Section 10 Stability and reactivity

Chemical stability	Stable under recommended storage conditions.
Incompatibility	Oxidizing agents.
Decomposition products	None known.
Hazardous polymerization	Does not occur.

Section 11 Toxicological information

Mixture	No toxicological data available for the mixture.
Phosphoric acid (CAS 7664-38-2)	LD50 oral (rat) 1,530 mg/kg · LD50 dermal (rabbit) 2,740 mg/kg · LC50 inhalation (rabbit) 1.69 mg/L

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 Microalgae SDS, Jan 24 2024 (older format with old address, 2565 FM 1096, and emergency line 979-657-2893).
Ratings	Not rated on the source SDS.

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