

SAFETY DATA SHEET (SDS)

EcoSock

Revision date: 2026-02-24 **Version:** 5.2

SECTION 1: Identification

Product identifier: EcoSock (all models)

Product form: Powdered matrix of beneficial bacteria and bacterial nutrients in a slow-release formulation (contained within an inner water-soluble bag and outer sock)

Recommended use: Added to aquatic systems to slowly release beneficial bacteria that improve water quality, digest sludge, and reduce odors

Restrictions on use: Not for ingestion; use only as directed; avoid generating and breathing dust

Manufacturer: TLC Products, Inc., 26100 1st Street, Westlake, OH 44145 USA

Telephone: +1-216-472-3030

Email: johnmwong@tlc-products.com

Emergency phone: Same as above during business hours

SECTION 2: Hazard(s) identification

Classification: Not classified as hazardous under OSHA HCS and CLP/GHS (as supplied)

Label elements: None required

Other hazards: Nuisance dust may be generated if the inner bag is opened or torn; avoid breathing dust; may cause mild eye irritation

SECTION 3: Composition/information on ingredients

Non-hazardous microorganisms and non-hazardous nutrients/carriers. No hazardous constituents present above GHS/CLP cut-offs.

Typical composition (non-hazardous):

- Beneficial bacteria complex with amylase and protease — 12.5%
- Yeast extract — 62.5%
- Xanthan gum — 5%
- Fulvic acid — 5%
- Inert carrier ingredients (non-toxic) — 15%

SECTION 4: First-aid measures

Eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Skin: Wash with soap and water. Remove contaminated clothing.

Inhalation: Move to fresh air. Seek advice if symptoms persist.

Ingestion: Rinse mouth. Do not induce vomiting. Seek advice if unwell.

Most important symptoms/effects: Mild eye irritation; ingestion may cause nausea, vomiting, and diarrhea.

SECTION 5: Fire-fighting measures

Suitable extinguishing media: Water spray, foam, dry chemical, CO₂

Specific hazards: Organic powders can be combustible under certain conditions; avoid dust clouds

Protective equipment: Standard firefighting PPE; respiratory protection as needed

SECTION 6: Accidental release measures

Avoid dust generation. Sweep/shovel gently into a suitable container. Wash residual area with water.

Prevent large releases to drains or waterways.

SECTION 7: Handling and storage

Handle to minimize dust. Keep container/package closed and dry.

Protect the inner water-soluble bag from moisture until use.

Storage: Store dry at room temperature **below 100°F (37.8°C)**.

SECTION 8: Exposure controls/personal protection

Engineering controls: General ventilation

Eye protection: Safety glasses recommended

Hand protection: Gloves optional; use if prolonged contact

Respiratory protection: Dust mask/respirator (e.g., N95) if nuisance dust is present

SECTION 9: Physical and chemical properties

Physical state: Powder

Appearance: Amber to brown powder; essentially no odor

Odor: None to mild

pH: Not applicable (as supplied)

Relative density / bulk density (typical): 0.85 (Ref. Std: water = 1.00)

Water behavior: Particulate; disperses in water; inner bag is water-soluble

Packaging construction: Inner water-soluble bag containing powder, enclosed by an outer sock (slow-release)

SECTION 10: Stability and reactivity

Stable under normal conditions; will not polymerize.

Conditions to avoid: Excessive heat; ignition sources; dust clouds; moisture intrusion into inner water-soluble packaging

Incompatible materials: Strong oxidizers

Hazardous decomposition products: None expected under normal conditions

SECTION 11: Toxicological information

Not expected to be hazardous as supplied. Dust may cause transient mechanical irritation of eyes/upper respiratory tract.

Ingestion may cause nausea, vomiting, and diarrhea.

SECTION 12: Ecological information

Not expected to be hazardous at intended use concentrations. Components are biological/biodegradable. Avoid uncontrolled large releases.

SECTION 13: Disposal considerations

Dispose in accordance with local/regional regulations. Empty packaging may be discarded as ordinary solid waste unless contaminated by other materials. Avoid disposal of large quantities into waterways.

SECTION 14: Transport information

Not regulated as dangerous goods (DOT/IMDG/IATA).

SECTION 15: Regulatory information

OSHA HCS: Not classified.

EU CLP: Not classified.

SECTION 16: Other information

Prepared to describe the product for the purposes of health, safety, and environmental requirements only.

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End of Safety Data Sheet