

SAFETY DATA SHEET (SDS)

Septic Medic

Revision date: 2026-02-24 **Version:** 6.0

SECTION 1: Identification

Product identifier: Septic Medic

Product form: Aqueous suspension of beneficial bacteria

Recommended use: Added to septic tanks, cesspools, and wastewater treatment systems to improve water quality, reduce organic sludge, and reduce foul odors

Restrictions on use: Not for ingestion; use only as directed

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: May cause mild eye irritation on contact. Product odor may be unpleasant. Practice good hygiene after handling.

SECTION 3: Composition/information on ingredients

Mixture: Non-hazardous microorganisms in water. No hazardous constituents present above GHS/CLP cut-offs.

Typical composition (by weight):

- Beneficial bacteria (non-pathogenic; BSL-1) — < 4%
- Water — > 96%

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.

Inhalation: Not expected to present an inhalation hazard as supplied. If aerosol/mist exposure occurs, move to fresh air.

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

Most important symptoms/effects: Mild eye irritation; ingestion may cause gastrointestinal upset.

SECTION 5: Fire-fighting measures

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

Specific hazards: Non-flammable as supplied. Containers exposed to heat may rupture.

Protective equipment: Standard firefighting PPE.

SECTION 6: Accidental release measures

Contain spill. Absorb with inert material and collect into suitable container. Rinse residue with water.

Avoid large releases to storm drains and surface waters.

SECTION 7: Handling and storage

Handle in accordance with good industrial hygiene and safety practice. Wash hands after handling.

Storage: Store in a cool, dry area **below 100°F (37.8°C)**. Keep container closed when not in use.

Freezing: Protect from freezing (container integrity and product stability may be affected).

SECTION 8: Exposure controls/personal protection

Engineering controls: General ventilation

Eye protection: Safety glasses recommended

Hand protection: Gloves optional; recommended for prolonged contact

Respiratory protection: Not required under normal use

SECTION 9: Physical and chemical properties

Physical state: Liquid

Appearance: Amber to reddish-brown suspension

Odor: Musty; may include sulfide/"rotten egg" notes

pH: 7.0–8.5

Specific gravity: 1.010–1.020

Solubility: Miscible in water

Viscosity: Similar to water (typical)

SECTION 10: Stability and reactivity

Stable under normal conditions. Will not polymerize.

Conditions to avoid: Excessive heat; freezing; contamination.

Incompatible materials: Strong oxidizers.

Hazardous decomposition products: None expected under normal conditions.

SECTION 11: Toxicological information

Not expected to be hazardous as supplied. May cause mild eye irritation.

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 containers: recycle or discard as ordinary solid waste unless contaminated by other materials.

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 purposes of health, safety, and environmental requirements only.

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End of Safety Data Sheet