

# FLINN SCIENTIFIC, INC.

## Material Safety Data Sheet (MSDS)

MSDS #: 836.50

Revision Date: February 24, 2012

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### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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#### Tryptic Soy Agar

Flinn Scientific, Inc. P.O. Box 219 Batavia, IL 60510 (800) 452-1261

CHEMTREC Emergency Phone Number: (800) 424-9300

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### SECTION 2 — COMPOSITION, INFORMATION ON INGREDIENTS

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Tryptone (enzymatic digest of casein) 1.5%, Soytone (soybean meal digest) 0.5%, Sodium Chloride (7647-14-5) 0.5%, Agar (9002-18-0) 1.5%, and Water (7732-18-5) 96%.

CAS#: None established

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### SECTION 3 — HAZARDS IDENTIFICATION

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Light amber, slightly opalescent gel. Characteristic odor.

This substance may support the growth of pathogenic microorganisms. Practice proper aseptic technique when culturing. Cultures should be sterilized prior to disposal. Not all health aspects of this substance have been thoroughly investigated.

#### FLINN AT-A-GLANCE

Health-0

Flammability-0

Reactivity-0

Exposure-0

Storage-0

0 is low hazard, 3 is high hazard

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### SECTION 4 — FIRST AID MEASURES

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Call a physician and seek medical attention for further treatment, observation, and support after first aid.

Inhalation: Remove to fresh air at once. If breathing has stopped, give artificial respiration immediately.

Eye: Immediately flush with fresh water for at least 15 minutes.

Internal: Rinse mouth. Give large quantities of water for dilution.

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### SECTION 5 — FIRE FIGHTING MEASURES

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Nonflammable solid.

#### NFPA CODE

None  
established

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### SECTION 6 — ACCIDENTAL RELEASE MEASURES

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Clean up spill, autoclave or sterilize if already used for cultures. Dispose in the trash. See Sections 8 and 13 for further information.

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### SECTION 7 — HANDLING AND STORAGE

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Flinn Suggested Chemical Storage Pattern: Organic Miscellaneous.

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### SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

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Avoid contact with eyes and skin. Wear safety glasses, chemical-resistant gloves, and chemical-resistant apron.

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**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

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Light amber, slightly opalescent gel with a characteristic odor. Bacterial media.  
Gelled, agar-based medium. Ingredients per one liter of prepared medium: tryptone (enzymatic digest of casein), 15g; soytone (soybean meal digest), 5g; sodium chloride (7647-14-5), 5g; agar (9002-18-0), 15g; water (7732-18-5).

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**SECTION 10 — STABILITY AND REACTIVITY**

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Keep tightly closed to avoid drying out. Keep cool or refrigerate until use.  
Shelf life: Indefinite, if stored properly.

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**SECTION 11 — TOXICOLOGICAL INFORMATION**

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Acute effects: N.A.	ORL-RAT LD <sub>50</sub> : N.A.
Chronic effects: N.A.	IHL-RAT LC <sub>50</sub> : N.A.
Target organs: N.A.	SKN-RBT LD <sub>50</sub> : N.A.

N.A. = Not available, not all health aspects of this substance have been fully investigated.

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**SECTION 12 — ECOLOGICAL INFORMATION**

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Data not yet available.

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**SECTION 13 — DISPOSAL CONSIDERATIONS**

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Please review all federal, state and local regulations that may apply, before proceeding.  
Flinn Suggested Disposal Method #26a is one option.

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**SECTION 14 — TRANSPORT INFORMATION**

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Shipping name: Not regulated  
Hazard class: N/A  
UN number: N/A  
N/A = Not applicable

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**SECTION 15 — REGULATORY INFORMATION**

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Not listed.

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**SECTION 16 — OTHER INFORMATION**

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**Consult your copy of the *Flinn Science Catalog/Reference Manual*  
for additional information about laboratory chemicals.**