

Material Safety Data Sheet

Revised Date: 12-November 2011

Section 1: Product Identification

Product name: LB Agar Plates with 50µg/mL carbenicillin

Catalog number: 2-007325 (Pack of 10) & 2-007325-1 (Pack of 10 with glass beads)

Section 2: Composition/Information on Ingredients

<i>Ingredients</i>	<i>CAS Number</i>	<i>Concentration</i>
Water	7732-18-5	95%
Trypton	N/A	1%
Yeast Extract	8013-01-2	0.5%
Sodium Chloride	7647-14-5	1%
Agar	9002-18-0	1.5%
Carbenicillin	4800-96-4	0.01%

Section 3: Hazardous Identification

Principle routes of exposure: Skin and/or eye contact

Eyes: May cause eye irritation

Skin: May cause skin irritation

Inhalation: Material may cause irritation to the mucous membrane and upper respiratory tract. May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

Signs and Symptoms of Exposure:

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Section 4: First Aid Measures

Skin contact: Wash off immediately with plenty of water. If skin irritation persists, call a physician.

Eye contact: Rinse thoroughly with plenty of water, also under the eyelids and seek medical attention.

Ingestion: Consult a physician. Do not induce vomiting without medical advice

Inhalation: Move to fresh air. If breathing becomes difficult, call a physician

Section 5: Fire Fighting Measures

Suitable extinguishing media – water spray, carbon dioxide, dry chemical powder or appropriate foam.

Special protective equipment for Firefighters - Protective equipment: wear self-contained breathing apparatus and protective clothing to prevent contact with skin and

eyes.

Specific hazard: emits toxic fumes under fire conditions.

Section 6: Accidental Release Measures

Personal precautions: Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

Methods for cleaning up: Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7: Handling and Storage

Handling: User exposure: avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure

Storage /Stability: Keep tightly closed. Store at 2-8°C. Expires after 30 days.

Section 8: Exposure Controls/ Personal Protection

Engineering measures: Safety shower and eye bath. Mechanical exhaust required.

Personal protective equipment

Respiratory protection Respiratory protection is not required under normal use of this product. If respiratory protection is needed, follow the OSHA regulation, 29CFR1910.134.

Always use a NIOSH approved respirator when necessary

Hand protection Wear appropriate protective gloves to prevent skin contact. Replace torn or punctured gloves promptly.

Eye protection Safety glasses with side-shields

Skin and body protection Wear appropriate body protection to prevent skin contact

Hygiene measures Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

Section 9: Physical and Chemical Properties

Physical state: Solid

Section 10: Stability and Reactivity Data

Stability: Stable under recommended storage conditions

Polymerization: Hazardous polymerization will not occur

Hazardous decomposition products: Carbon monoxide, carbon dioxide.

Materials to avoid: Strong oxidizing agents

Section 11: Toxicological Information

Potential Health effects

Eyes May cause eye irritation

Skin May cause skin irritation

Inhalation material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

Ingestion May be harmful if swallowed

Specific effects**Carcinogenic effects** No information available**Mutagenic effects** No information available**Reproductive toxicity** No information available**Sensitization** No information available**Target Organ Effects** No information available**Section 12: Ecological Information**

Data not yet available

Section 13: Disposal Considerations

Appropriate method of disposal of substance or preparation

Contact a licensed professional waste disposal service to dispose of this material.

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

Section 14: Transport Information**IATA****Proper shipping name** Not classified as dangerous in the meaning of transport regulations**Hazard Class** No information available**Subsidiary Class** No information available**Packing group** No information available**UN-No** No information available**Section 15: Regulatory Information**

United States regulatory information

SARA listed: no

Canada regulatory information

WHMIS classification: this product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

DSL: No

NDSL: No

Section 16: Other Information

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Manufactured and Distributed by:
SAN DIEGO BIOSCIENCE, INC.
6185 Cornerstone, Suite #101
San Diego, CA 92109
Email: sales@sdbioscience.com