

## Material Safety Data Sheet

Revised Date: 12-November 2011

### Section 1: Product Identification

**Product name:** PicSix™ LB agar plates with 50µg/mL carbenicillin

**Catalog number:** 2-007302 (Pack of 10) & 2-007302-1 (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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