



## Section 1 - Chemical Product and Company Identification

**Product Name** Yeast Extract BactoBio for bacteriology  
**Product Code** 34266  
**Use for** Laboratory Chemicals.  
**Company Name** Sisco Research Laboratories Pvt. Ltd.  
**Address** 608, B Wing, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Andheri (E), Mumbai - 400 099, India

## Section 2 - Composition/Information on Ingredients

### Chemical characterization

Total Nitrogen : 9.0 - 11.0 %

Loss on drying : < 5.0 %

Cl (NaCl) : < 5.0 %

pH(5%) : 7.0 ± 0.5

## Section 3 - Hazards Identification

**Hazard description:** This product contains no hazardous constituents, or the concentration of all chemical constituents are below the regulatory threshold limits described by the Occupational Safety and Health Administration Hazard Communication Standard or European Directive 91/155/EEC, and 93/112/EC.

### Information pertaining to particular dangers for man and environment

Not applicable

**Classification system** The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

## Section 4 - First Aid Measures

- **General information** No special measures required.
- **After inhalation** Seek medical treatment in case of complaints.
- **After skin contact** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing** If symptoms persist consult doctor.

## Section 5 - Fire Fighting Measures

### · Suitable extinguishing

**Agents** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.



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## Section 6 - Accidental Release Measures

- **Protective equipment:** No special measures required.
- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Damp down dust with water spray.
- **Measures for cleaning/collecting:** No special measures required.
- **Additional information:** No dangerous substances are released.

## Section 7 - Handling and Storage

**Handling:** Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

**Storage:** Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

## Section 8 - Exposure Control / Personal Protection

### Personal Protective Equipment

**Respiratory Protection:** Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N99 (US) or type P2 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Hand Protection:** The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Handle with gloves.

**Eye Protection:** Safety glasses

**Skin and body protection:** Choose body protection according to the amount and concentration of the dangerous substance at the work place.

**Hygiene measures:** Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

## Section 9 - Physical and Chemical Properties

### General Information

**Form:** Solid.

**pH-value at 25°C:** 6.8 +/- 0.2

## Section 10 - Stability and Reactivity



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· **Thermal decomposition**

/ **conditions to be avoided:** No decomposition if used according to specifications.

· **Dangerous reactions** No dangerous reactions known

· **Dangerous decomposition**

**products:** No dangerous decomposition products known

· **Acute toxicity:**

· **Primary irritant effect:**

· **on the skin:** No irritant effect.

· **on the eye:** No irritating effect.

· **Sensitization:** No sensitizing effects known.

## Section 11 - Toxicological Information

· **Additional toxicological**

**information:** The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

**LD50** LD50 oral rat 14850 mg/kg;  
LD50 oral guinea pig 17600 mg/kg

## Section 12 - Ecological Information

· **Ecotoxicological effects:**

· **Other information:** The ecological effects have not been thoroughly investigated, but currently none have been identified.

· **General notes:** Generally not hazardous for water.

## Section 13 - Disposal Considerations

**Product:** Observe all federal, state, and local environmental regulations. 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.

**Contaminated packaging:** Dispose of as unused product.

## Section 14 - Transport Information

	IATA	IMO	RID/ADR
<b>Shipping Name:</b>	Not Regulated for Transport (Non-Haz)		
<b>Hazard Class:</b>			
<b>UN Number:</b>			
<b>Packing Group:</b>			



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## **Section 15 - Regulatory Information**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

## **Section 16 - Other Information**

Sisco Research Laboratories Pvt. Ltd. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.