

**1.IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

|                                  |  |
|----------------------------------|--|
| Product name:                    | Brilliant-green Phenol-red Lactose Sucrose Agar, Modified (BPLS) |
| Product Number:                  | EX-CM248   |
| Company:                         | BEIJING LAND BRIDGE TECHNOLOGY CO.,LTD.                          |
| Address:                         | NO.3 Gaobeidian North Road,Chaoyang District,Beijing, China      |
| Postal code:                     | 100123   |
| Telephone:                       | 010-51203999   |
| Fax:                             | 010-51349510   |
| E-mail address:                  | info@beijinglandbridge.com                                       |
| Recommended use and limited use: | Biochemical research / analysis                                  |

**2.HAZARDS IDENTIFICATION**

## Summary of emergency:

If breathed in, move person into fresh air; rinse with water or shower immediately after contact with skin; In case of contact with eyes, flush eyes with water; In case of ingestion, rinse mouth with water. Seek medical advice immediately if you feel unwell.

|                                |   |
|--------------------------------|---|
| Hazard categories:             | Not a hazardous substance or mixture.                             |
| Label element:                 | Not a hazardous substance or mixture.                             |
| Physical and chemical hazards: | Referring to current information, no physical or chemical hazard. |
| Health hazards:                | Referring to current information, no physical or chemical hazard. |
| Environmental hazards:         | Referring to current information, no physical or chemical hazard. |
| Other hazards:                 | No data available.  |

**3.COMPOSITION/INFORMATION ON INGREDIENTS**

Mixtures: Chemical composition refer to the components on the medium label.

Harmful chemical composition: none

**4.FIRST AID MEASURES**

## 4.1 Necessary first aid measures

|                 |   |
|-----------------|---|
| General advice: | No special measures   |
| Inhalation:     | Move to fresh air. Get medical attention immediately if symptoms occur. |

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|               |   |
|---------------|---|
| Skin Contact: | Rinse immediately with water.   |
| Eye Contact:  | Immediately lift the eyelids and rinse with plenty of running water. Get medical attention if symptoms occur. |
| Ingestion:    | Rinse mouth with water. Seek medical attention if you feel unwell.  |

**4.2 Most important symptoms and effects, both acute and delayed**

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

**4.3 Indication of any immediate medical attention and special treatment required.**

no data available

**5.FIREFIGHTING MEASURES**

|                                |   |
|--------------------------------|---|
| Suitable extinguishing media:  | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  |
| Dangerous characteristics:     | No combustion supporting  |
| Hazardous Combustion Products: | Carbon oxides, Sulphur oxides, Oxides of phosphorus, Hydrogen chloride gas, Hydrogen iodide, Potassium oxides, Sodium oxides, Magnesium oxide |
| Advice for firefighters:       | Wear self-contained breathing apparatus to extinguish the fire.   |

**6.ACCIDENTAL RELEASE MEASURES**

|  |   |
|--|---|
| Personal precautions:                                  | Wear experimental clothes, gloves and masks to avoid inhaling dust.   |
| Environmental precautions:                             | Prevent further leakage or spillage on the premise of ensuring safety.  |
| Methods and materials for containment and cleaning up: | Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable closed containers for disposal (refer to protective measures listed in section 13). Clean the contaminated area, then alcohol disinfection. |

**7.HANDLING AND STORAGE**

|   |   |
|---|---|
| Precautions for safe handling:                                | Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. |
| Conditions for safe storage, including any incompatibilities: | Keep container tightly closed and store at a cool dry place.  |

**8.EXPOSURE CONTROLS/PERSONAL PROTECTION**

## 8.1 Engineering Measures:

Provide emergency shower installations and eye showers.

## 8.2 Personal protective equipment:

|                         |  |
|-------------------------|--|
| Respiratory protection: | Weighing products in fume hood, and wear masks.                            |
| Eye protection:         | Wear safety glasses with side-shields.                                     |
| Hand protection:        | Wear disposable latex or plastic gloves, wash hands before and after work. |
| Body Protection:        | Wear experimental clothes, change dirty clothes in time.                   |

Note: Select appropriate protective measures in accordance with the working conditions and the concentration of hazardous substances, and the chemical resistance of protective measures shall be provided by the manufacturer.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|  |                    |   |  |
|--|--------------------|---|--|
| Appearance Form:                         | See details in COA | Odor:                                   | No pungent odor  |
| pH:                                      | 6.9±0.2(25°C)      | Water solubility:                       | Good solubility, clear and transparent without precipitation after the fully dissolution |
| Melting point /freezing point:           | No data available  | Flash point:                            | No data available  |
| Initial boiling point and boiling range: |                    | No data available                       |  |
| Explosive limits:                        |                    |   |  |
| Upper:                                   | No data available  | lower:                                  | No data available  |
| Vapour pressure:                         | No data available  | Vapour density:                         | No data available  |
| Relative density:                        | No data available  | Partition Coefficient:(n-octanol/water) | No data available  |
| Autoignition temperature:                | No data available  | Decomposition temperature:              | No data available  |

**10. STABILITY AND REACTIVITY**

|                                   |   |
|-----------------------------------|---|
| Stability:                        | Sealed stored in suitable conditions can be stored for 3 years without deterioration. |
| Conditions to avoid:              | No data available   |
| Incompatible materials:           | Strong oxidizing agents   |
| Hazardous decomposition products: | No data available   |

**11. TOXICOLOGICAL INFORMATION**

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|                                    |  |                         |                             |
|------------------------------------|--|-------------------------|-----------------------------|
| Acute toxicity:                    | No data available                      |                         |                             |
| Skin corrosion/irritation:         | No data available                      | Eye damage/irritation:  | No data available           |
| Respiratory or skin sensitization: | No data available                      | Germ cell mutagenicity: | No data available           |
| Carcinogenicity:                   | No data available                      | Reproductive toxicity:  | No data available           |
| Specific target organ toxicity:    |  |                         |                             |
| single exposure:                   | No data available                      | Aspiration hazard:      | No data available           |
| repeated exposure:                 | No data available                      |                         |                             |
| Potential health effects:          |  |                         |                             |
| Inhalation:                        | May cause respiratory tract irritation | Ingestion:              | May be harmful if swallowed |
| Skin:                              | May cause skin irritation              | Eyes:                   | May cause eye irritation    |

## 12. ECOLOGICAL INFORMATION

|                            |                   |                                |                   |
|----------------------------|-------------------|--------------------------------|-------------------|
| Toxicity:                  | No data available | Persistence and degradability: | No data available |
| Bioaccumulative potential: | No data available | Mobility in soil:              | No data available |

## 13.DISPOSAL CONSIDERATIONS

Product:

Dispose of in accordance with applicable local waste disposal regulations. (For information on authorized chemical waste processors and their contact details, please refer to the data available at [www.mee.gov.cn](http://www.mee.gov.cn).)

Contaminated containers and packaging:

Dispose of as unused product.

## 14. TRANSPORT INFORMATION

UN number: Not dangerous goods.

UN proper shipping name: Not dangerous goods.

Transport hazard class(es): Not dangerous goods.

Packaging group: Not dangerous goods.

Packing method: Packing according to manufacturer's method.

Marine pollutant(Yes/No): No.

Transportation Precautions: Please select the appropriate means of transportation and corresponding transportation and storage conditions according to the

nature of chemicals.

## **15.REGULATORY INFORMATION**

### **Occupational Disease Prevention Law of the People's Republic of China:**

Classification of Occupational Disease Hazard Factors: Uncatalogued

GBZ2.1-2019 Occupational Exposure Limits for Hazardous Agents in the Workplace

Part 1 Chemical Harmful Factors: Uncatalogued

### **Regulations on the Safety Management of Hazardous Chemicals:**

Hazardous and Chemicals Catalogue: Uncatalogued

Explosive Hazardous Chemicals Catalogue: Uncatalogued

### **Hazardous Chemicals under Key Supervision Catalogue :**

Hazardous Chemicals under Key Supervision Catalogue: Uncatalogued

### **Measures for Environmental Management of New Chemical Substances:**

Inventory of Existing Chemical Substances in China: Uncatalogued

### **Other:**

Toxic and Hazardous Air Pollutants Catalogue: Uncatalogued

Prohibited Imports and Prohibited Exports Catalogue: Uncatalogued

Air Transport Dangerous Goods Catalogue: Uncatalogued

Inland Water Embargoed Hazardous Chemicals Catalogue: Uncatalogued

## **16.OTHER INFORMATION**

### **This revision revises the following sections:**

Part 9 - Description of appearance and properties.

Part 13 - Recommendations for waste disposal.

Part 15 - Updating existing national laws and regulations.

### **Training advice:**

It is recommended that operators be provided with adequate information, guidance and training.

**The above information is believed to be correct, but is not inclusive of all information and is used as a guide only.**

**The information in this document is based on our current knowledge as to the correct safety instructions applicable to this product.**