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**Section 1: Product and Company Identification**

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|---------------|---------------------------------------------------------------|
| Product Name: | Lactose Bile Broth                                            |
| Manufacturer: | Qingdao Hi-Tech Industrial Park Hope Bio-Technology Co., Ltd. |
| Address:      | Building A2, No.1 Jinhui Road, Hi-tech Zone, Qingdao, China   |
| Tel:          | +86-532-66087711                                              |
| Fax:          | +86-532-81935080                                              |
| Email:        | qdhbywg@vip.126.com                                           |

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**Section 2: Hazard Identification**

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|------------------------|---------------------------------------------------------------|
| Hazard Rank:           | No harmful substances;                                        |
| Route of exposure:     | Inhalation, ingestion, skin exposure.                         |
| Health hazards:        | May cause physical discomfort, allergies and other reactions. |
| Environmental hazards: | No hazard data.                                               |

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**Section 3: Composition/Information on Ingredients****Mixtures**

No components need to be disclosed according to the applicable regulations

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**Section 4: First Aid Measures**

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| 1. In case of skin contact: | Immediately rinse with water, seek medical treatment if necessary.                                                                 |
| 2. In case of eye contact:  | Immediately rinse with water, seek medical treatment if necessary.                                                                 |
| 3. In case of inhalation:   | Immediately remove to fresh air, seek medical treatment if necessary.                                                              |
| 4. In case of ingestion:    | Avoid hand to mouth contact. Have victim drink 1~3 glasses of water to dilute stomach contents. If unwell, seek medical treatment. |

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**Section 5: Fire-Fighting Measures**

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|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Product characteristics:   | This product is non-combustible.                                                                                                                                                                                           |
| 2. Fire fighting methods:     | Use a suitable fire extinguisher or fire extinguishing agent, including carbon dioxide, nitrogen, water, foam, dry powder, powder.                                                                                         |
| 3. Extinguishing precautions: | Firefighters must wear breathing apparatus, fire protective suits and so on, and fight fire in the direction of the wind. Cool down containers with water, move containers from the fire scene to empty place if possible. |

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**Section 6: Accidental Release Measures**

Emergency personnel should wear lab coats, gloves and masks, do not contact with leakage directly. Wipe away with a wet cloth, then wash with detergent, and the lotion is diluted and discharge into the wastewater system.

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**Section 7: Handling and Storage**

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|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Handling: | The operator must go through specialized training, strictly adherence to operation regulations. Avoid contact with eyes, skin directly and inhalation or ingestion. |
| 2. Storage:  | Store in a cool, dry, well-ventilated warehouse. Be away from fire source and heat source.                                                                          |

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**Section 8: Exposure Control / Personal Protection**

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|----------------------------|----------------------------------------------|
| 1. Monitoring Methods:     | Need not monitoring.                         |
| 2. Engineering controls:   | Provide safe shower and eyewash equipment.   |
| 3. Respiratory protection: | Weighing in the fume hood and wearing masks. |
| 4. Eye protection:         | Wear protective glasses.                     |

5. Body protection: Wear overalls or operation suit.  
6. Hand protection: Wear disposable latex or plastic gloves.  
7. Other protection: Smoking eating and drinking are strictly prohibited in work site, when the work is completed, thoroughly cleaning.

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**Section 9: Physical and Chemical Properties**

Physical state: Powder.  
Color: Yellowish-greyish.  
pH: 7.4±0.2  
Flash point: Not available

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**Section 10: Stability and Reactivity**

This product is high stability, low reactivity under the recommended storage and handling conditions (on Section 7). Hygroscopic.

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**Section 11: Toxicological Information**

Acute toxicity: Low order of acute toxicity.  
Eye irritation: May cause slight transient irritation.  
Skin irritation: May cause irritation.

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**Section 12: Ecological Information**

This material impact on the environment has not been investigated adequately yet, no harm to water.

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**Section 13: Waste Disposal Information**

1. Nature of waste: Solid waste.  
2. Waste Disposal Method: After dilution, discharge into the wastewater system with plenty of water. Or using secure landfills methods.

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**Section 14: Transport Information****14.1 UN number**

ADR/RID: N/A                      IMDG: N/A                      IATA: N/A

**14.2 UN proper shipping name**

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

**14.3 Transport hazard class(es)**

ADR/RID: N/A                      IMDG: N/A                      IATA: N/A

**14.4 Packaging group**

ADR/RID: N/A                      IMDG: N/A                      IATA: N/A

**14.5 Environmental hazards**

ADR/RID: N/A                      IMDG Marine pollutant: N/A                      IATA: N/A

**14.6 Further information**

Not classified as dangerous in the meaning of transport regulations.

**IMDG/IMO: NOT REGULATED**

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**Section 15: Regulatory Information**

Lactose Bile Broth  
Catalog: HB0110-9  
Date of Issue: 12-21-2022

Dangerous Chemicals Regulations (February 16, 2011 the State Council);  
Chemical dangerous goods safety management regulations, implementing rules;  
Regulations safely using chemicals in workplace ([1996] labor department No. 423) and other regulations for the safe use of hazardous chemicals, production, storage, transport, handling, etc. above were made corresponding provisions;

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**Section 16: Other Information**

The hazard and safety measures described herein do not guarantee that all of them exist. This product is only used for microbiological testing. Users should be used to avoid any hazard and use with caution.