

## MATERIAL SAFETY DATA SHEET

### Section 1: Identification of the substances/mixtures and of the company/undertaking

#### A. Product information

**Product Name:** EC broth (E.Coli broth)

**Product Code No.:** B1430

**REACH registration no.-** This product is a mixture. REACH registration no.is not available for this product.

#### B. Relevant identified uses of the substance/mixture and uses advised against-

Relevant identified uses- For Institutional/Industrial and laboratory use. For *in-vitro* diagnosis. Not for medicinal /Drug use.

#### C. Manufacturer's Name:

BIOMARK LABORATORIES

135/1, DALVI WADI, DHAIRI,

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### Section 2: Composition/Information on Ingredients

**This mixture is not classified as hazardous.**

#### Composition

Ingredients	grams/Litre
Tryptone	20.00
Lactose	5.00
Bile Salt No.3	1.50
Dipotassium Hydrogen phosphate	4.00
Potassium Dihydrogen phosphate	1.50
Sodium chloride	5.00

Hazardous Components	CAS-No.	Hazard Symbol	Risk Phrases	Safety Phrases
Bile salt no.3	--	Xi (Irritant)	--	S 22-24/25

Components	CAS-No.	Hazard Symbol
Sodium chloride	7440-23-5	NA
Tryptone	84843-69-6	NA
Dipotassium phosphate	7758-11-4	NA
Potassium dihydrogen phosphate	7778-77-0	NA
Lactose	63-42-3	NA

### Section 3: Health Hazards Identification

Refer Section 2 and 15.

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### **Section 4: First Aid Measures**

**General Information:** No special measures required.

**Ingestion:** If swallowed, seek medical attention if symptoms occur. Show physician product label or MSDS.

**Inhalation:** If inhaled, supply fresh air or oxygen. Seek medical attention if breathing becomes labored or difficult

**Eye Contact:** Rinse opened eye for at least 15 minutes under running water, lifting lower and up eyelids occasionally. Seek medical attention.

**Skin Contact:** Remove contaminated clothing. Immediately wash with plenty of soap and water for at least 15 minutes. Wash clothing before reuse. Seek medical attention if irritation develops.

### **Section 5: Fire Fighting Measures**

Use Carbon dioxide, ABC multipurpose dry chemical, or water spray. Fight larger fires with water spray or alcohol resistant foam. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### **Section 6: Accidental Release Measures**

**Personal Precautions:** Wear suitable protective clothing. Remove contaminated exhaustion at the workplace.

**Environmental Precautions:** Prevent dispersion of material. Wipe up with damp sponge or mop.

**Clean-up Methods:** Avoid prolonged or repeated exposure. Absorb material, ventilate area, and wash spill site after material has been cleaned up. Avoid inhalation, contact with eyes and skin. Prevent formation of dust.

### **Section 7: Handling and Storage**

**Handling:** Avoid inhaling dust. Avoid contact with eyes, skin and clothing. Refer to Section 8

**Storage:** Store in cool, dry conditions below 30°C in well-sealed containers and protected from direct sunlight and moisture.

### **Section 8: Exposure Controls/ Personal Protection**

Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.

### **Section 9: Physical and Chemical Properties**

**Appearance:** Homogeneous Free Flowing powder

**Colour:** Cream to yellow

**pH:** 6.9 ± 0.2 at 25°C

### **Section 10: Stability and Reactivity**

**Stability:** Stable under recommended storage and handling conditions

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**Conditions to avoid:** Exposure to sunlight and moisture  
Hazardous polymerization will not occur.

### **Section 11: Toxicological Information**

**LD/LC50 values that are relevant:** N/A  
**Carcinogenicity:** Not listed.

### **Section 12: Ecological Information**

**Ecotoxicity Tests:** No specific data available.

### **Section 13: Disposal Considerations**

**Disposal consideration:** Non- hazardous waste. Dispose of according to all federal, state and local applicable regulations.

**Container information:** Containers should be cleaned by appropriate methods and then reused or disposed of by landfill or incineration as applicable.

### **Section 14: Transport Information**

**14.1 UN number**

**ADR/RID: - IMDG: - IATA: -**

**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: - IMDG: - IATA: -**

**14.4 Packaging group**

**ADR/RID: - IMDG: - IATA: -**

**14.5 Environmental hazards**

**ADR/RID: no IMDG Marine pollutant: no IATA: no**

**14.6 Special precautions for user-no**

**Further information**

**Not classified as dangerous in the meaning of transport regulations.**

### **Section 15: Regulatory Information**

**Safety Phrases:**

S 22, do not breathe dust.

S 24.25, avoid contact with skin or eyes.

### **Section 16: Other Information**

Information contained herein is believed to be accurate and is offered in good faith for the user's consideration and investigation. No warranty is expressed or implied regarding the completeness or

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accuracy of this information. Users of this material should satisfy themselves by independent investigation of current scientific or medical information that this material may be safely handled.