

MATERIAL SAFETY DATA SHEET

Section 1: Company Identification and Product information

A. Product Information-

Product Name: Shigella Broth Base

Product Code No.:B1286

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

Composition

Ingredients Grams/Litre

Casein enzyme hydrolysate	20.00
Dextrose	1.00
Sodium chloride	5.00
Di-Potassium hydrogen phosphate	2.00
Monopotassium hydrogen phosphate	2.00
Polysorbate 80	1.50

Hazardous Components	CAS-No.	Hazard Symbol	Risk Phrases	Safety Phrases
Casein enzyme hydrolysate	91079-40-2	--	--	--
Dextrose	50-99-7	--	--	--
Sodium chloride	7440-23-5	--	--	--
Di-Potassium hydrogen phosphate	7758-11-4	--	--	--
Monopotassium hydrogen phosphate	7778-77-0	--	--	--
Polysorbate 80	9005-65-6	--	--	--

Section 3: Health Hazards Identification

Hazard: Not classified as hazardous.

Section 4: First Aid Measures

No specific measures necessary.

Section 5: Fire Fighting Measures

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Not combustible.

Section 6: Accidental Release Measures

No specific measures necessary

Section 7: Handling and Storage

Handling: 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: Pale greenish yellow

pH: 7.0 ± 0.2 at 25°C

Section 10: Stability and Reactivity

Stability: Stable under recommended storage and handling conditions

Conditions to avoid: Exposure to sunlight and moisture

Hazardous polymerization will not occur.

Section 11: Toxicological Information

Nontoxic.

Section 12: Ecological Information

Data not available

Section 13: Disposal Considerations

No special disposal method required except that it be in accordance with current and local authority Regulation

Section 14: Transport Information

DOT Regulations: Not Regulated

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Not classified.

Section 15: Regulatory Information

Risk Phrases: Not applicable

Safety Phrases: Not applicable

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 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.