








Dehydrated Culture Media
Bases / Media Supplements



Material Safety Data Sheet

Name of the Product		Lethen Broth, Modified (Modified Lethen Broth)	
Code No.		DM1976	
Section 1	Chemical Identification		
	Code No.	:	DM1976
	Name of the Product	:	Lethen Broth, Modified (Modified Lethen Broth)
	Produced by	:	Central Drug House Pvt. Ltd.
	Address	:	7/28 Vardaan House, Darya Ganj, New Delhi (INDIA)
	Tel. No.	:	00 91 11 49404040
Section 2	Composition	Grams/Litre	Ingredients
	Ingredients		
	Peptic digest of animal tissue	20.00	Casein enzymic hydrolysate
	Beef extract	5.00	Yeast extract
	Sodium chloride	5.00	*Sodium bisulphate
	*Lecithin	0.70	*Polysorbate 80
	Final pH (at 25°C)	7.0±0.2	
	Harmful / Irritant material		
	Sodium bisulphate		
	CAS No. : 7631-90-5		
	R : 22-36/37/38 S : 26-36/37/39-45		
	RTECS : VZ 2000000		
	Lecithin		
	CAS No. : 8002-43-5		
	R : 22-38-40-48/20/22 S : 36/37		
	RTECS : OG 7565000		
	Polysorbate 80		
	CAS No. : 9005-65-6		
	RTECS : WG 29325000		
Section 3	Hazards Identification		
	Hazard : Inhalation and ingestion of, or skin penetration by these substances is harmful to one's health. Non-recurring, recurring or lengthy exposure to these substances may result in irreversible damage.		
	Caution : Avoid contact with the human body, including inhalation of the vapours and in cases of malaise consult a doctor.		
	Hazard : This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs.		
	Caution : Do not breathe vapours and avoid contact with skin and eyes.		
Section 4	First - Aid Measures		
	In case of swallowing, wash out mouth with water provided person is conscious. In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. In case of inhalation, remove to fresh air. If breathing becomes difficult, call physician. In case of contact with eyes, wash with copious amounts of water for at least 15 minutes. Assure adequate washing by separating the eyelids with fingers. In serious conditions, call a physician, show the container or label.		
Section 5	Fire Fighting Measures		
	Extinguishing Media. Water spray.		
	Carbon dioxide, dry chemical powder or appropriate foam. Special fire-fighting procedures. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.		
Section 6	Accidental Release Measures		
	Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.		
Section 7	Handling and Storage		
	Handling - Refer to Section 8		
	Storage - Store below 8°C		
Section 8	Exposure Controls / Personal Protection		
	Wear appropriate NOISH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.		
Section 9	Physical and Chemical Properties		
	Appearance : Homogeneous powder		
	Colour : Cream to yellow		



Dehydrated Culture Media
Bases / Media Supplements

Material Safety Data Sheet

Section 10	<p>Stability and Reactivity</p> <p>Stability : Product is stable if stored as per the conditions specified under storage of Section No. 7. Product loses its potency/performance above 45°C. Conditions to avoid : Heat and light. Hazardous polymerization will not occur.</p>
Section 11	<p>Toxicological Information</p> <p>Acute Effects : May be harmful if swallowed. Exposure can cause : Stomach pains, vomiting, diarrhoea. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals. RTECS No. : VZ 2000000 OG 7565000 WG 29325000 For complete information RTECS may be referred.</p>
Section 12	<p>Ecological Information</p> <p>Data not available</p>
Section 13	<p>Disposal Considerations</p> <p>On completion of work all used or unusable preparations of this product and derivatives thereof are to be disposed off by autoclaving and/or by incineration. Dispose off waste in accordance with all applicable Federal, State and local laws.</p>
Section 14	<p>Transport Information</p> <p>UN No. : Not applicable.</p>
Section 15	<p>Regulatory Information</p> <p>Risk Phrases : Harmful if swallowed Risk Phrases : Irritating to eyes, respiratory system and skin Risk Phrases : Irritating to skin. Risk Phrases : Limited evidence of a carcinogenic effect Risk Phrases : Harmful:danger of serious damage to health by prolonged exposure through inhalation and if swallowed Safety Phrases : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice Safety Phrases : Wear suitable protective clothing, gloves and eye/face protection Safety Phrases : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) Safety Phrases : Wear suitable protective clothing and gloves</p> <p> Significance of signs : Inhalation and ingestion of, or skin penetration by these substances is harmful to one's health. Non-recurring, recurring or lengthy exposure to these substances may result in irreversible damage.</p> <p> Significance of signs : This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs.</p>
Section 16	<p>Other Information</p> <p>The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose.</p>