





Dehydrated Culture Media
Bases / Media Supplements


Material Safety Data Sheet

Name of the Product		MIO Medium (Motility Indole Ornithine Medium)		
Code No.		DM 1378		
Section 1	Chemical Identification			
	Code No.	:	DM 1378	
	Name of the Product	:	MIO Medium (Motility Indole Ornithine Medium)	
	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			
	Ingredients	Grams/Litre	Ingredients	Grams/Litre
	Casein enzymic hydrolysate	10.00	Peptic digest of animal tissue	10.00
	Yeast extract	3.00	L-Ornithine hydrochloride	5.00
	Agar	1.00	*Bromo cresol purple	0.02
	Final pH (at 25°C)	2.00		
	* Irritant material			
	Bromo cresol purple			
	CAS No. : 115-40-2			
	R : 36/37/38 S : 26-36			
	Section 3	Hazards Identification		
	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 selfcontained 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 30°C			
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 powder			
	Colour : Light yellow to pale green			
Section 10	Stability and Reactivity			
	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.			
Section 11	Toxicological Information			
	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.			
Section 12	Ecological Information			
	Data not available			
Section 13	Disposal Considerations			
	On completion of work all used or unusable preparations of this product and derivatives thereof are to be disposed off by			



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	autoclaving and/or by incineration. Dispose off waste in accordance with all applicable Federal, State and local laws.
Section 14	Transport Information UN No. : Not applicable.
Section 15	Regulatory Information Risk Phrases : Irritating to eyes, respiratory system and skin Safety Phrases : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice Safety Phrases : Wear suitable protective clothing
 Section 16	Significance of signs : This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs. Other Information 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.