





Dehydrated Culture Media
Bases / Media Supplements

Material Safety Data Sheet

Name of the Product		Phenylalanine Malonate Broth (Shaw & Clarke Medium)		
Code No.		DM1781		
Section 1	Chemical Identification			
	Code No.	:	DM1781	
	Name of the Product	:	Phenylalanine Malonate Broth (Shaw & Clarke 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	Grams/Litre	Ingredients	Grams/Litre
	Ingredients			
	Yeast extract	1.00	Sodium malonate	3.00
	DL-Phenylalanine	2.00	*Ammonium sulphate	2.00
	Dipotassium phosphate	0.60	Monopotassium phosphate	0.40
	Sodium chloride	2.00	Bromo thymol blue	0.025
	Final pH (at 25°C)	6.3±0.2		
	* Irritant material			
	Ammonium sulphate			
	CAS No. : 7783-20-2			
	R : 36/37/38 S : 26-36			
	RTECS : BS 4500000			
				
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 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 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 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. RTECS No. : BS 4500000 For complete information RTECS may be referred.			
Section 12	Ecological Information			



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	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 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 Significance of signs : This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs.
Section 16	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.



Skin Irritation