







Dehydrated Culture Media
Bases / Media Supplements


Material Safety Data Sheet

Name of the Product		Bismuth Sulphite Agar, Modified	
Code No.		DM2004	
Section 1	Chemical Identification		
	Code No.	:	DM2004
	Name of the Product	:	Bismuth Sulphite Agar, Modified
	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
	Peptic digest of animal tissue	5.00	Beef extract
	Dextrose	5.00	Disodium phosphate
	*Ferrous sulphate	0.30	Bismuth sulphite indicator
	*Brilliant green	0.016	(*Sodium sulphite & Bismuth ammonium citrate)
	Final pH (at 25°C)	7.6±0.2	Agar
	*Harmful material		
	Ferrous sulphate		
	CAS No. : 7720-78-7		
	R : 22 S : 36/37/39		
	RTECS : NO 8500000		
	Sodium sulphite		
	CAS No. : 7757-83-7		
	R : 22-31-36/38 S : 26-36/37		
	RTECS : WE 2150000		
	Brilliant green		
	CAS No. : 633-03-4		
	R : 22-36/38 S : 26-36		
	RTECS : BP 6825000		
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.		
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 yellow to greenish yellow		
Section 10	Stability and Reactivity		



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	<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 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. : NO 8500000 WE 2150000 BP 6825000 For complete information RTECS may be referred.</p>
Section 12	<p>Ecological Information Data not available</p>
Section 13	<p>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.</p>
Section 14	<p>Transport Information UN No. : Not applicable.</p>
Section 15	<p>Regulatory Information Risk Phrases : Harmful if swallowed Risk Phrases : Irritating to eyes, respiratory system and skin Risk Phrases : Contact with acids liberates toxic gas Risk Phrases : Irritating to eyes 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 Safety Phrases : Wear suitable protective clothing and gloves Safety Phrases : Wear suitable protective clothing, gloves and eye/face protection</p>
 Section 16	<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>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.</p>