









Dehydrated Culture Media
Bases / Media Supplements




Material Safety Data Sheet

Name of the Product		MacConkey Sorbitol Agar Base			
Code No.		DM 1298			
Section 1		Chemical Identification			
	Code No.	:	DM 1298		
	Name of the Product	:	MacConkey Sorbitol Agar Base		
	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	Chemical Identification	Ingredients	Grams/Litre	Ingredients	Grams/Litre
		Peptic digest of animal tissue	17.00	Proteose peptone	3.00
		Sorbitol	10.00	*Bile salts mixture	1.50
		Sodium chloride	5.00	*Neutral red	0.03
		*Crystal violet	0.001	Agar	13.50
		Final pH (at 25°C)	7.1±0.2		
		* Irritant / Harmful / Dangerous to the Environment material			
 Skin Irritation  Skin Irritation  Hazardous to the aquatic environment		Bile salts mixture			
		S : 22-24/25			
		Neutral red			
		CAS No. : 553-24-2			
		R : 22 S : 22-24/25			
		RTECS : SG 1400000			
		Crystal violet			
		CAS No. : 548-62-9			
		R : 22-41-50/53 S : 26-39-60-61			
		RTECS : BO 9000000			
Section 3	Hazards Identification				
 Skin Irritation	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.				
 Skin Irritation	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.				
 Hazardous to the aquatic environment	Hazard : Substances which are harmful to the aquatic (aquatic organisms, waters), as well as the non-aquatic environment (fauna, flora, atmosphere) or which have a detrimental effect at longer term. Caution : Avoid release to the environment.				
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 free flowing powder				



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	Colour : Light yellow to pink
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. Decomposition products : If product is decomposed toxic fumes of carbon monoxide and carbon dioxide may evolve. 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. : SG 1400000 BO 9000000 For complete information RTECS may be referred.
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 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 : Harmful if swallowed Risk Phrases : Limited evidence of a carcinogenic effect Risk Phrases : Risk of serious damage to eyes Risk Phrases : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment Safety Phrases : Do not breathe dust Safety Phrases : Avoid contact with skin or eyes Safety Phrases : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice Safety Phrases : Wear suitable eye/face protection Safety Phrases : This material and its container must be disposed of as hazardous waste Safety Phrases : Avoid release to the environment
	 Significance of signs : This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs.
	 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.
	 Significance of signs : Substances which are harmful to the aquatic (aquatic organisms, waters), as well as the non-aquatic environment (fauna, flora, atmosphere) or which have a detrimental effect at longer term.
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.