



Dehydrated Culture Media
Bases / Media Supplements



Material Safety Data Sheet

Name of the Product		Columbia Broth Base		
Code No.		DM 1145		
Section 1	Chemical Identification			
	Code No.	:	DM 1145	
	Name of the Product	:	Columbia Broth 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
	Peptone, special		10.00	Biopeptone
	Heart infusion powder		3.00	L-Cystine hydrochloride
	Dextrose		2.50	Sodium chloride
	Magnesium sulphate		0.10	*Ferrous sulphate
	*Sodium carbonate		0.60	*Tris (hydroxymethyl) aminomethane
	*Tris (hydroxymethyl) aminomethane HCl		2.86	
	Final pH (at 25°C)		7.5±0.2	
	* Harmful / Irritant material			
	Ferrous sulphate			
	CAS No. : 7782-63-0			
	R : 22 S : 36/37/39			
	RTECS : NO 8510000			
	Sodium carbonate			
	CAS No. : 497-19-8			
	R : 36 S : 22-26			
	RTECS : VZ 4050000			
	Tris (hydroxymethyl) aminomethane			
	CAS No. : 77-86-1			
	R : 36/37/38 S : 26-36			
	RTECS : TY 2900000			
	Tris (hydroxymethyl) aminomethane HCl			
	CAS No. : 1185-53-1			
	R : 36/37/38 S : 26-36			
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 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			



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	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 : Cream to yellow
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. : NO 8510000 VZ 4050000 TY 2900000 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 : Irritating to eyes Safety Phrases : Wear suitable protective clothing, gloves and eye/face protection 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: Do not breathe dust
 Skin Irritation	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.
 Skin Irritation	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.