














Dehydrated Culture Media  
Bases / Media Supplements





## Material Safety Data Sheet

Name of the Product		Sellers Differential Agar			
Code No.		DM 1293			
Section 1	Chemical Identification				
	Code No.	:	DM 1293		
	Name of the Product	:	Sellers Differential Agar		
	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	20.00	Yeast extract	1.00
		*L-Arginine	1.00	D-Mannitol	2.00
		Sodium chloride	2.00	*Sodium nitrate	1.00
		*Sodium nitrite	0.35	Magnesium sulphate	1.50
		Dipotassium phosphate	1.00	Bromo thymol blue	0.04
		*Phenol red	0.008	Agar	15.00
		Final pH (at 25°C)	6.7±0.2		
		* Irritant / Harmful / Oxidising / Toxic material			
		L-Arginine			
		CAS No. : 74-79-3			
		R : 36 S : 26			
		RTECS : CF 1934200			
		Sodium nitrate			
		CAS No. : 7631-99-4			
		R : 8-22-36/37/38 S : 15-16-26-36			
		RTECS : WC 5600000			
		Sodium nitrite			
		CAS No. : 7632-00-0			
		R : 8-25-50 S : 45 -61			
		RTECS : RA 1225000			
		Phenol red			
		CAS No. : 143-74-8			
		R : 36/37/38 S : 26-36			
		RTECS : SJ 7490000			
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.				
	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 : Oxidizing substances can ignite combustible material or worsen existing fires and thus make fire-fighting more difficult.				
	Caution : Keep away from combustible material.				
	Hazard : The substances are very hazardous to health when breathed, swallowed or in contact with the skin and may even lead to death. Non-recurring, recurring or lengthy exposure to these substances may result in irreversible damage.				
	Caution : Avoid contact with the human body, and immediately consult a doctor in cases of malaise.				
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.				



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Section 6	<b>Accidental Release Measures</b> 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	<b>Handling and Storage</b> Handling - Refer to Section 8 Storage - Store below 30°C
Section 8	<b>Exposure Controls / Personal Protection</b> Wear appropriate Niosh/Msha-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.
Section 9	<b>Physical and Chemical Properties</b> Appearance : Homogeneous powder Colour : Yellow
Section 10	<b>Stability and Reactivity</b> 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	<b>Toxicological Information</b> 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. : CF 1934200 WC 5600000 RA 1225000 SJ 7490000 For complete information RTECS may be referred.
Section 12	<b>Ecological Information</b> Data not available
Section 13	<b>Disposal Considerations</b> 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	<b>Transport Information</b> UN No. : Not applicable.
Section 15	<b>Regulatory Information</b> Risk Phrases : Irritating to eyes Risk Phrases : Contact with combustible material may cause fire Risk Phrases : Harmful if swallowed Risk Phrases : Irritating to eyes, respiratory system and skin Risk Phrases : Toxic if swallowed Safety Phrases: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice Safety Phrases: Keep away from heat Safety Phrases: Keep away from sources of ignition-No smoking Safety Phrases: Wear suitable protective clothing Safety Phrases: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
	 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 : Oxidizing substances can ignite combustible material or worsen existing fires and thus make fire-fighting more difficult.
	 Significance of signs : The substances are very hazardous to health when breathed, swallowed or in contact with the skin and may even lead to death. Non-recurring, recurring or lengthy exposure to these substances may result in irreversible damage.
Section 16	<b>Other Information</b> 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.